

**Test Plot 1#: GSM 850\_Head Left Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.476 W/kg

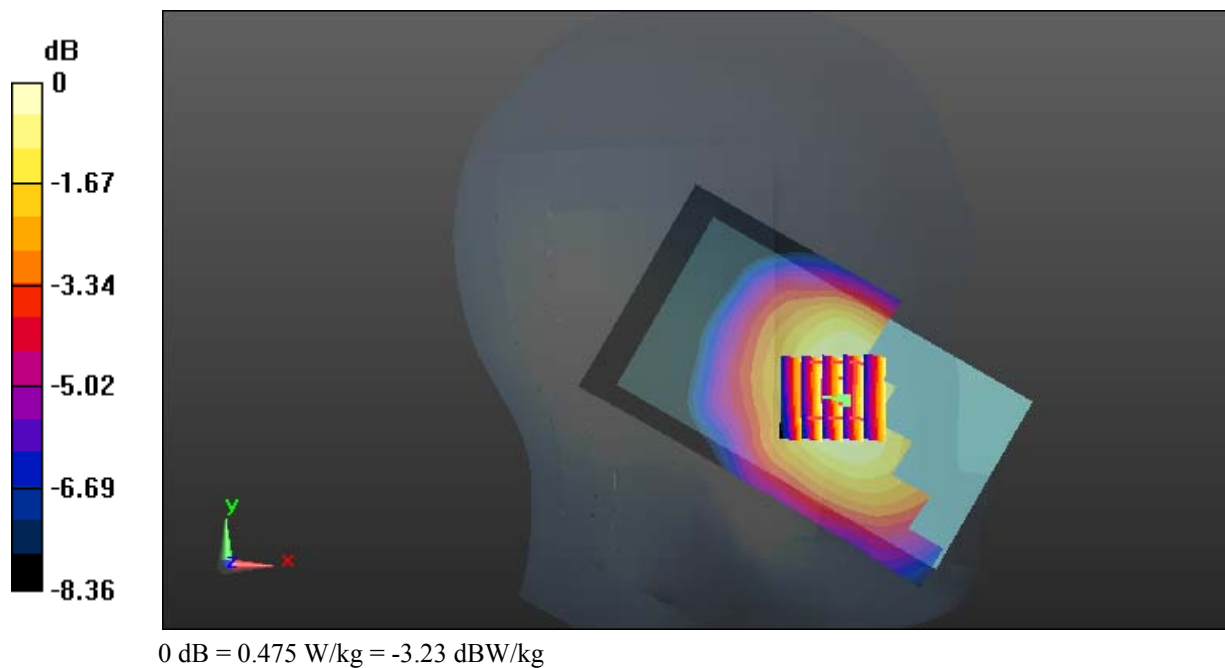
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.530 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.519 W/kg

**SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.302 W/kg**

Maximum value of SAR (measured) = 0.475 W/kg



**Test Plot 2#: GSM 850\_Head Left Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.246 W/kg

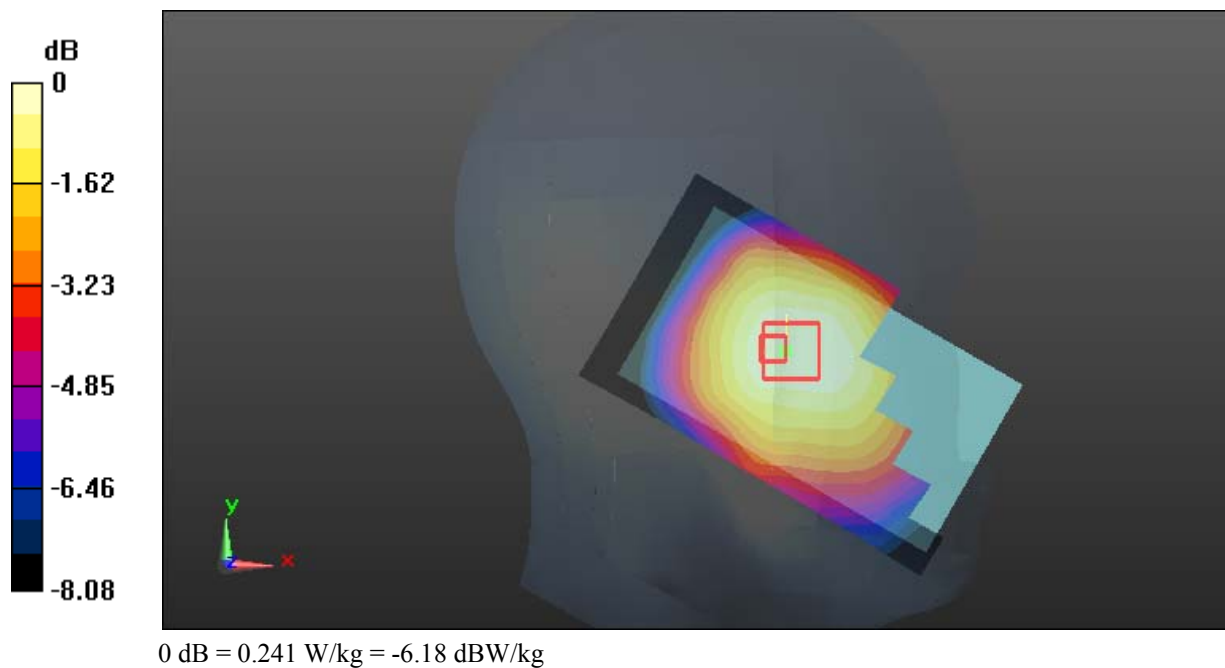
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.25 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.252 W/kg

**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.168 W/kg**

Maximum value of SAR (measured) = 0.241 W/kg



**Test Plot 3#: GSM 850\_Head Right Cheek\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.868$  S/m;  $\epsilon_r = 42.353$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.473 W/kg

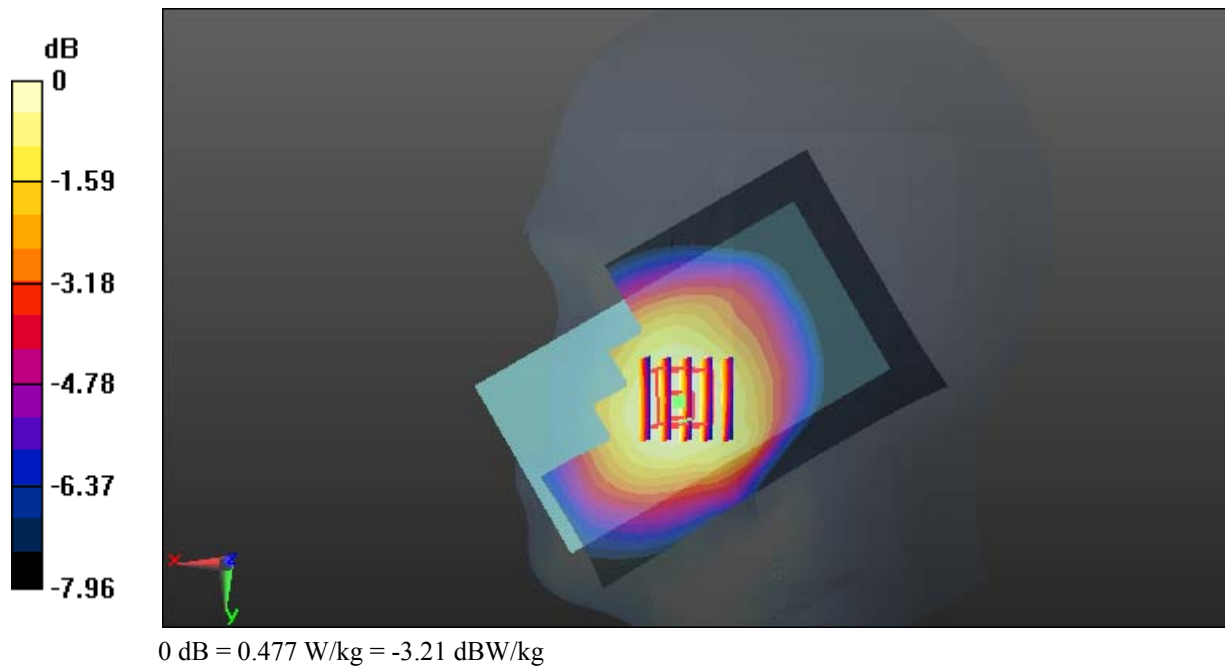
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.142 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.523 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.311 W/kg**

Maximum value of SAR (measured) = 0.477 W/kg



**Test Plot 4#: GSM 850\_Head Right Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.482 W/kg

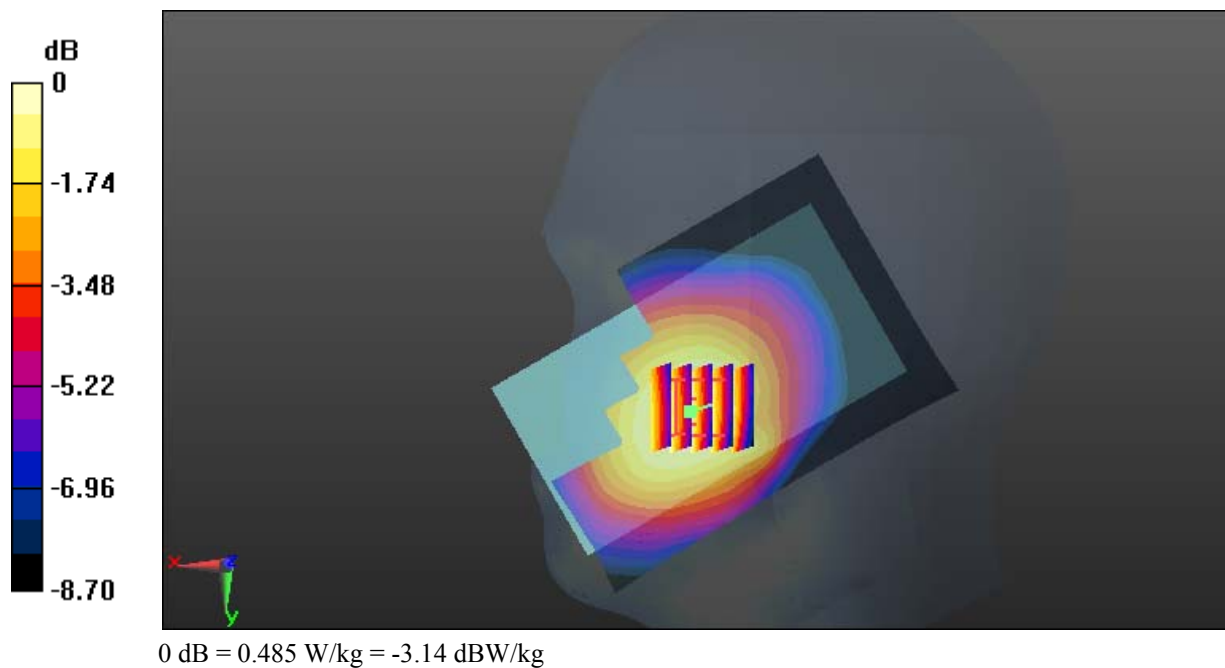
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.028 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.306 W/kg**

Maximum value of SAR (measured) = 0.485 W/kg



**Test Plot 5#: GSM 850\_Head Right Cheek\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.895$  S/m;  $\epsilon_r = 41.997$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.539 W/kg

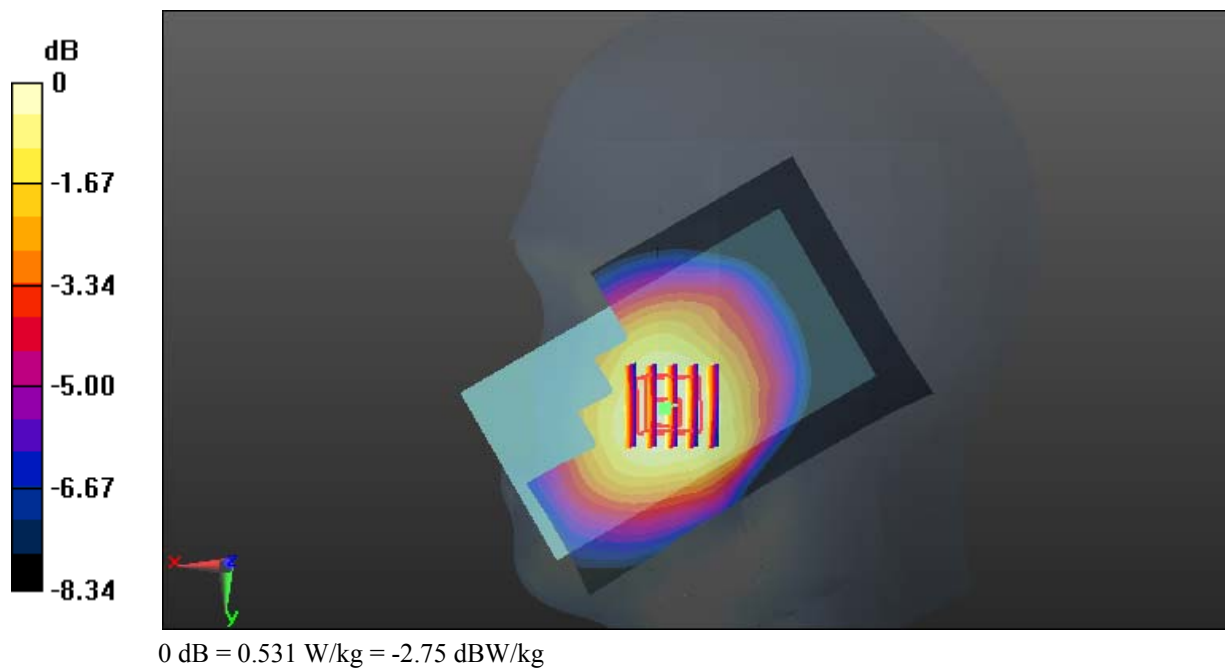
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.437 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.584 W/kg

**SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.341 W/kg**

Maximum value of SAR (measured) = 0.531 W/kg



**Test Plot 6#: GSM 850\_Head Right Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.226 W/kg

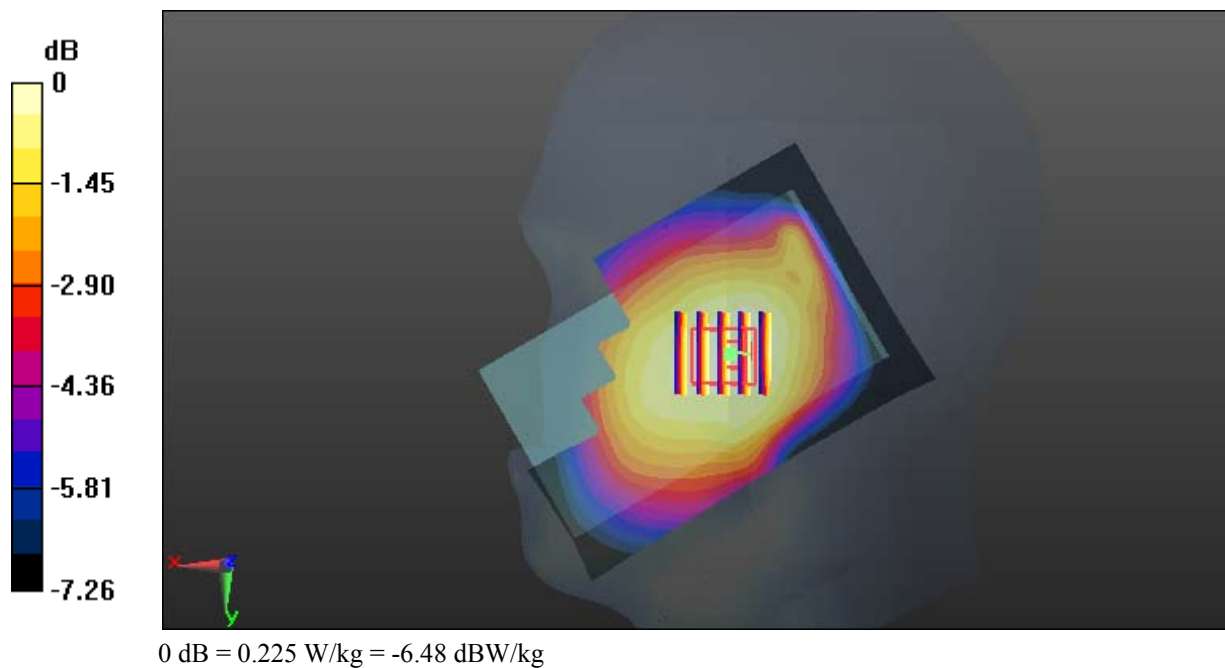
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.94 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.235 W/kg

**SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.161 W/kg**

Maximum value of SAR (measured) = 0.225 W/kg



**Test Plot 7#: GSM 850\_Body Worn Back\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 57.012$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.624 W/kg

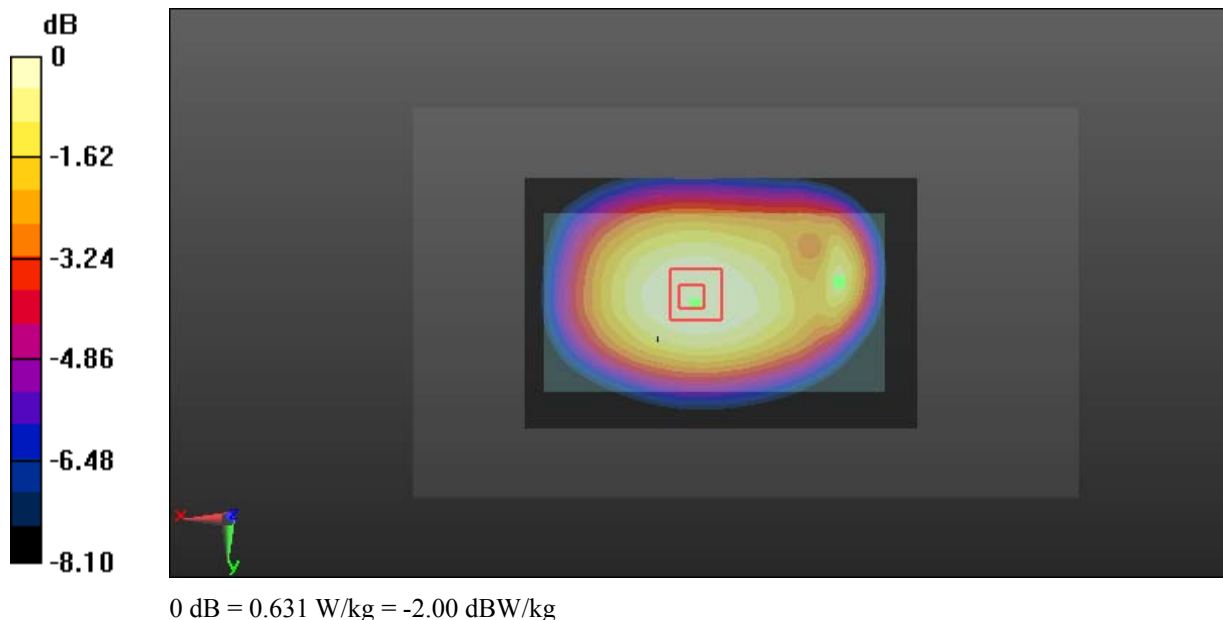
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.81 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.683 W/kg

**SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.408 W/kg**

Maximum value of SAR (measured) = 0.631 W/kg



**Test Plot 8#: GSM 850\_Body Back\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-2 slots; Frequency: 824.2 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.944$  S/m;  $\epsilon_r = 57.27$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

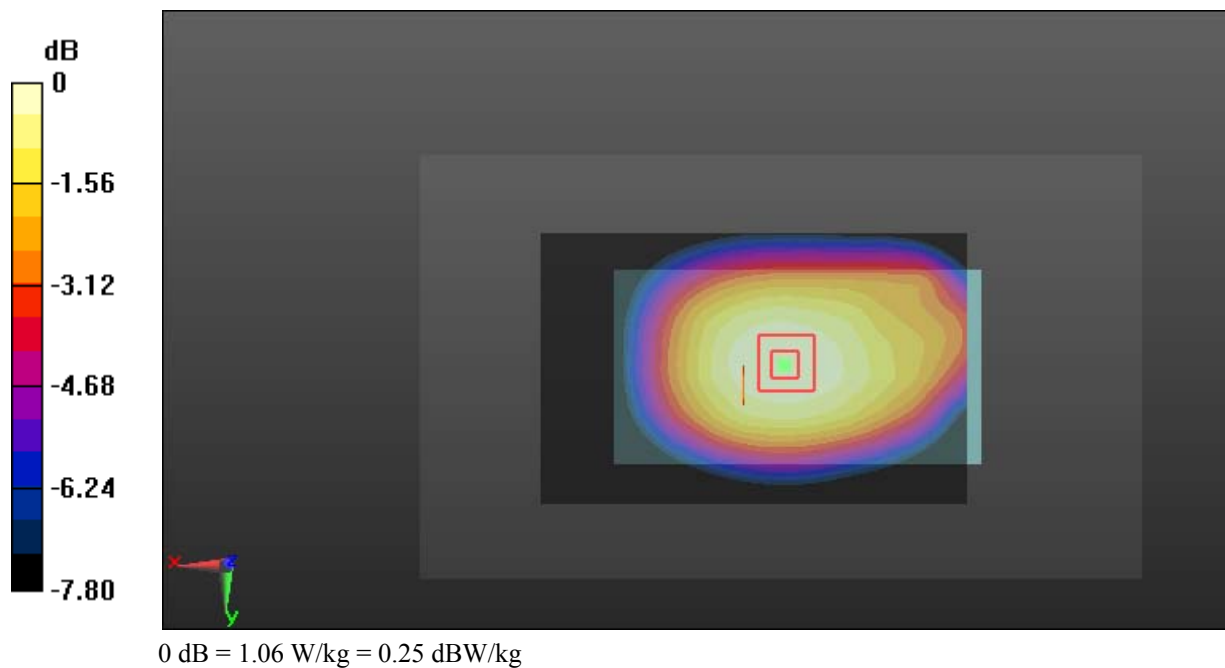
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.77 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.676 W/kg**

Maximum value of SAR (measured) = 1.06 W/kg





**Test Plot 9#: GSM 850\_Body Back\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 57.012$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

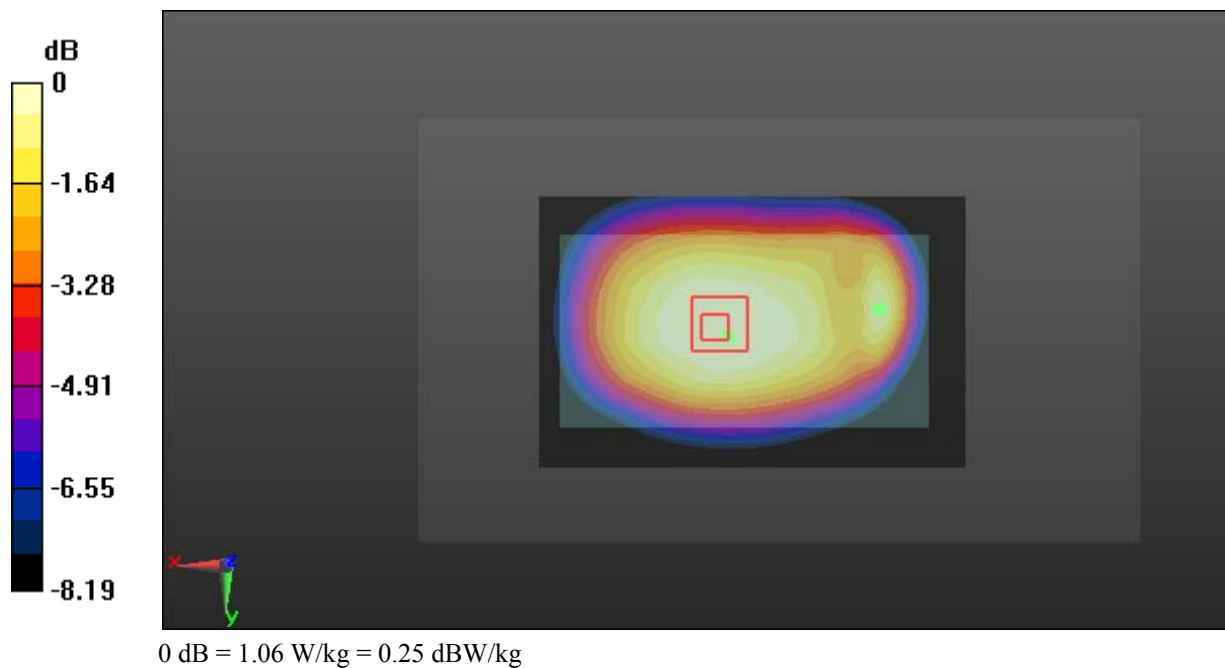
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.56 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.685 W/kg**

Maximum value of SAR (measured) = 1.06 W/kg



**Test Plot 10#: GSM 850\_Body Back\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-2 slots; Frequency: 848.8 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.971$  S/m;  $\epsilon_r = 56.826$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.13 W/kg

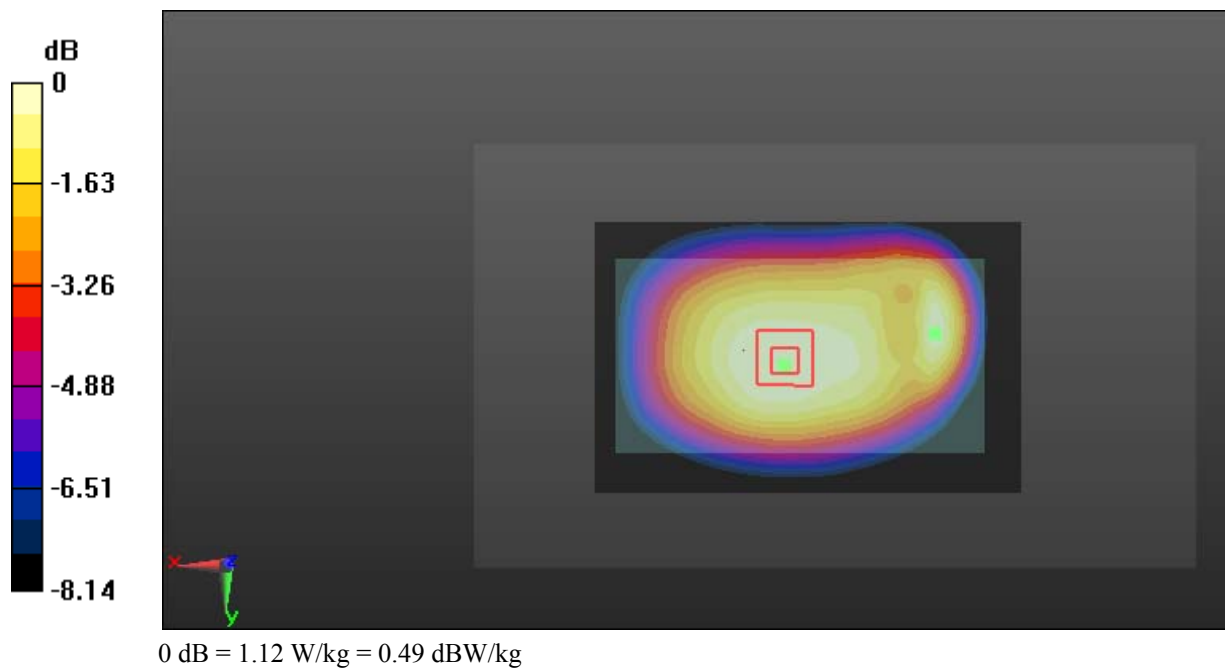
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.52 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.718 W/kg**

Maximum value of SAR (measured) = 1.12 W/kg



**Test Plot 11#: GSM 850\_Body Left\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 57.012$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.598 W/kg

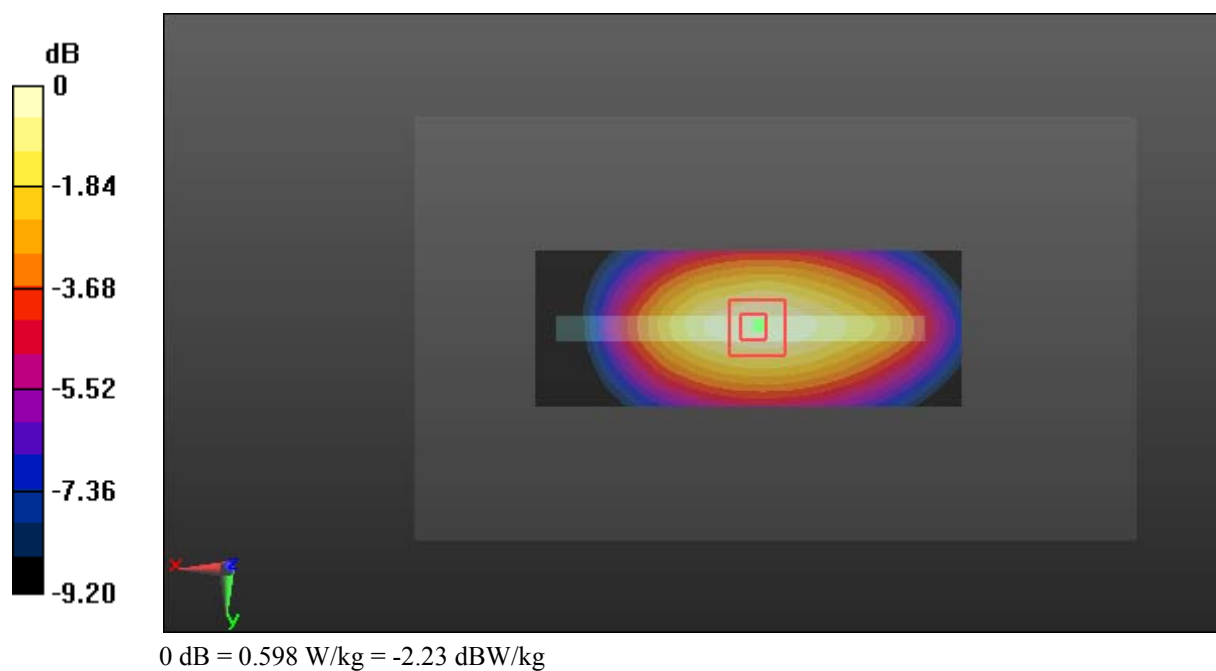
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.25 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.672 W/kg

**SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.322 W/kg**

Maximum value of SAR (measured) = 0.598 W/kg



**Test Plot 12#: GSM 850\_Body Right\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 57.012$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.705 W/kg

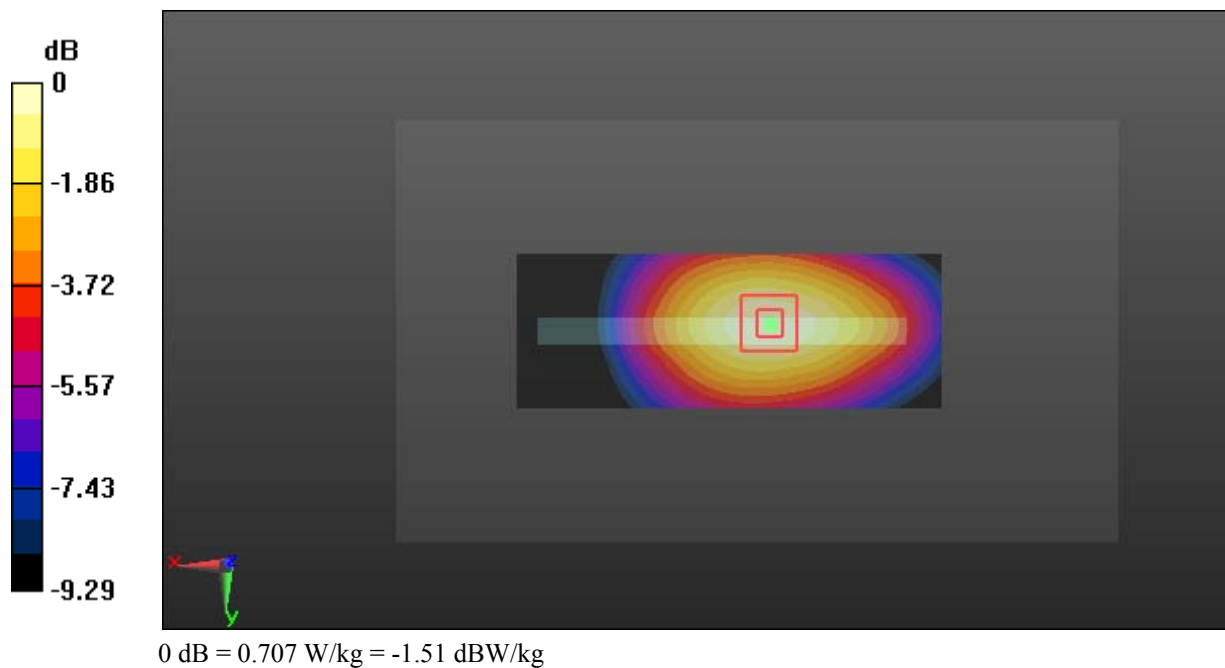
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.63 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.791 W/kg

**SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.384 W/kg**

Maximum value of SAR (measured) = 0.707 W/kg



**Test Plot 13#: GSM 850\_Body Bottom\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-2 slots; Frequency: 836.6 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 57.012$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.262 W/kg

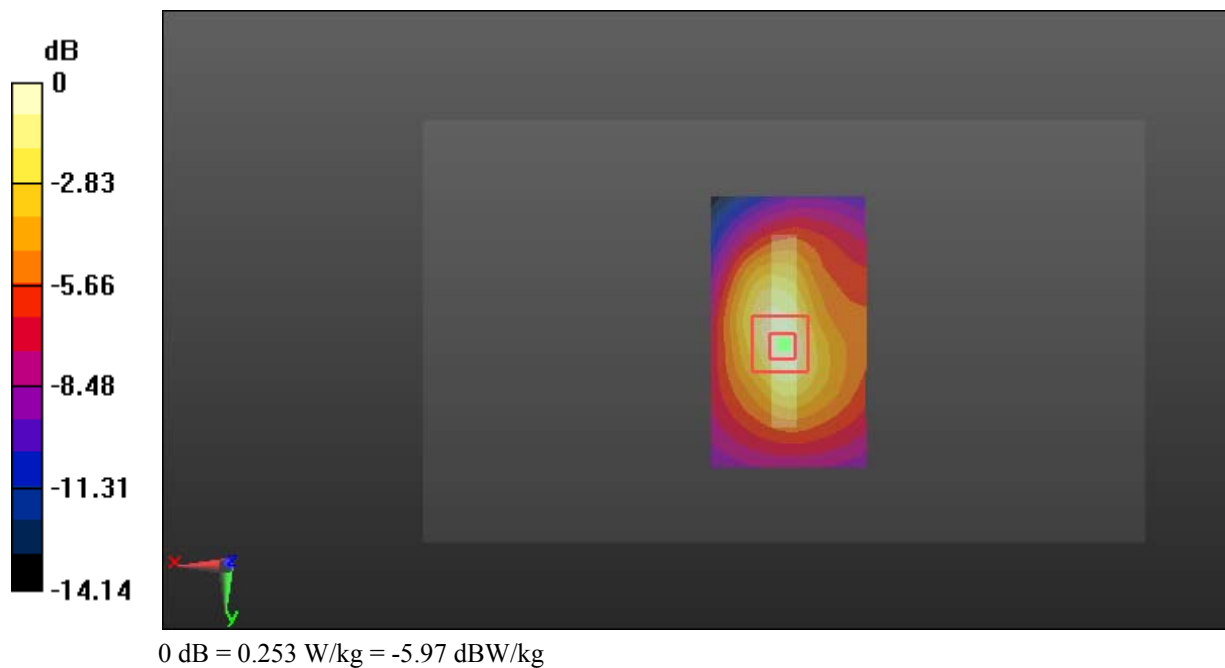
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.18 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.339 W/kg

**SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.253 W/kg



**Test Plot 14#: GSM 1900\_Head Left Cheek\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8  
Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.344$  S/m;  $\epsilon_r = 40.705$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.315 W/kg

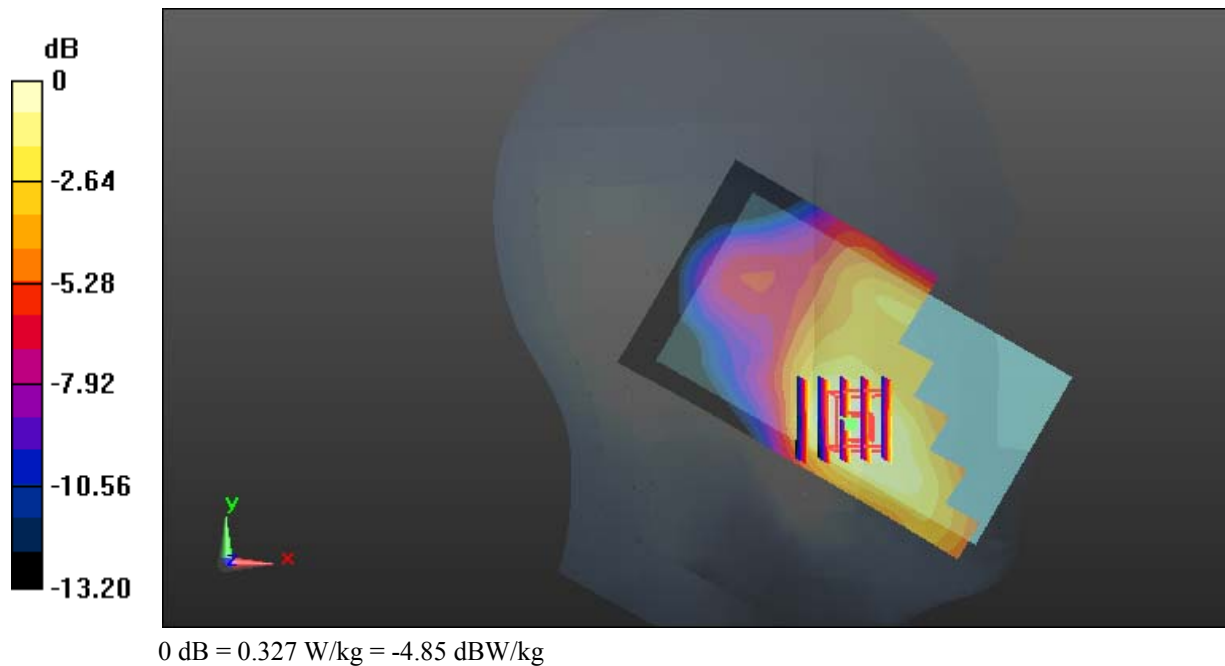
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.782 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.395 W/kg

**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 0.327 W/kg



**Test Plot 15#: GSM 1900\_Head Left Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.443$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.301 W/kg

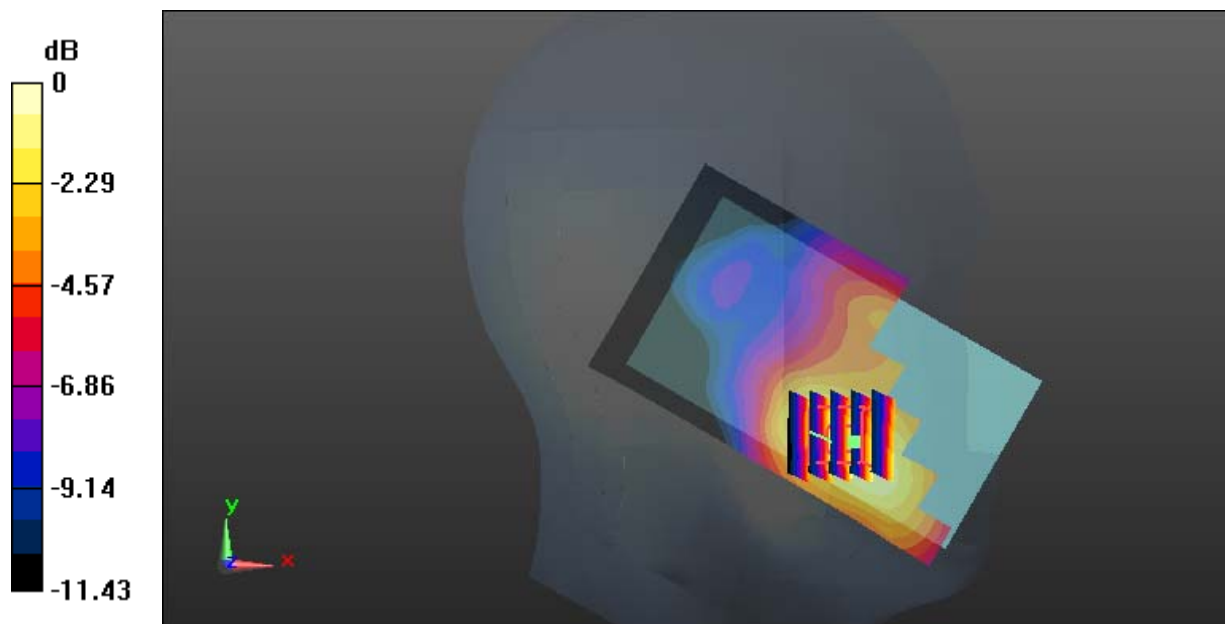
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.071 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.402 W/kg

**SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326 W/kg = -4.87 dBW/kg

**Test Plot 16#: GSM 1900\_Head Left Cheek\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8  
Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.397$  S/m;  $\epsilon_r = 40.281$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.323 W/kg

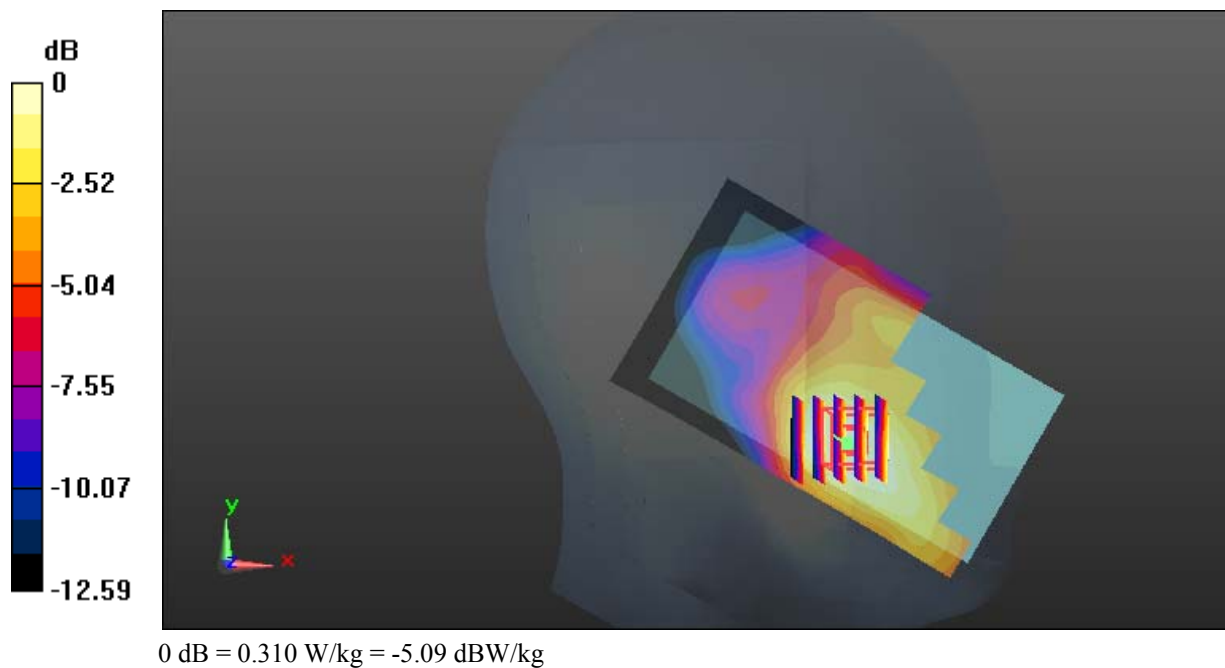
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.180 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.363 W/kg

**SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.310 W/kg





**Test Plot 17#: GSM 1900\_Head Left Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0764 W/kg

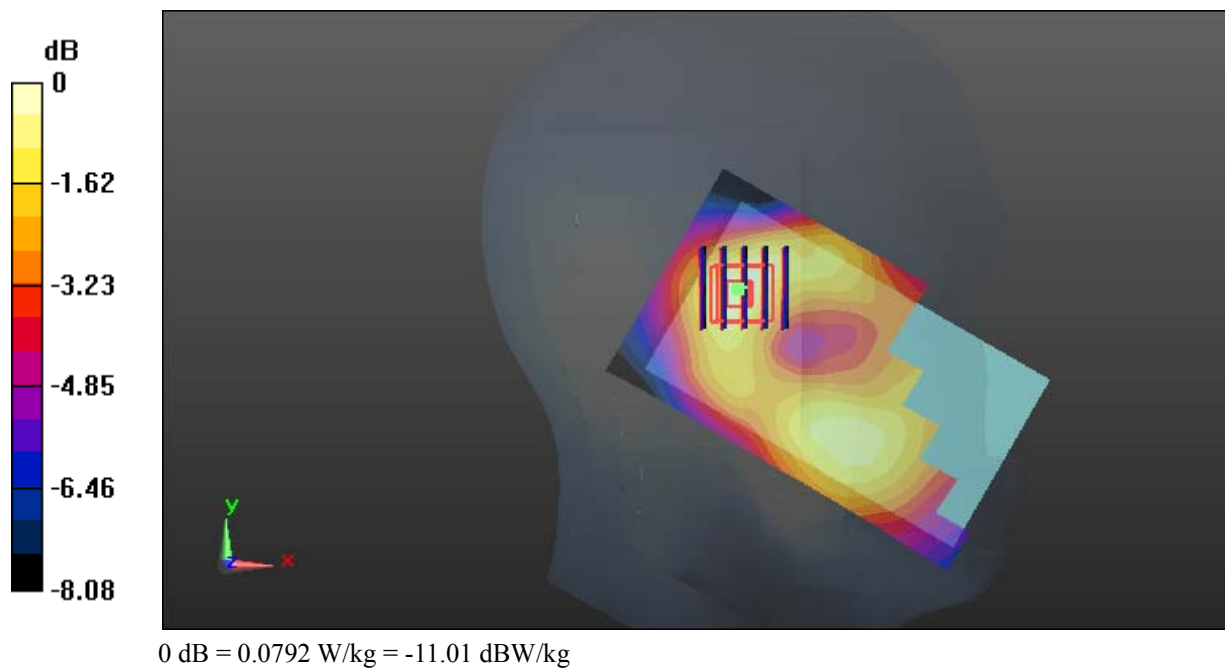
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.048 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0920 W/kg

**SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.036 W/kg**

Maximum value of SAR (measured) = 0.0792 W/kg



**Test Plot 18#: GSM 1900\_Head Right Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.443$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.247 W/kg

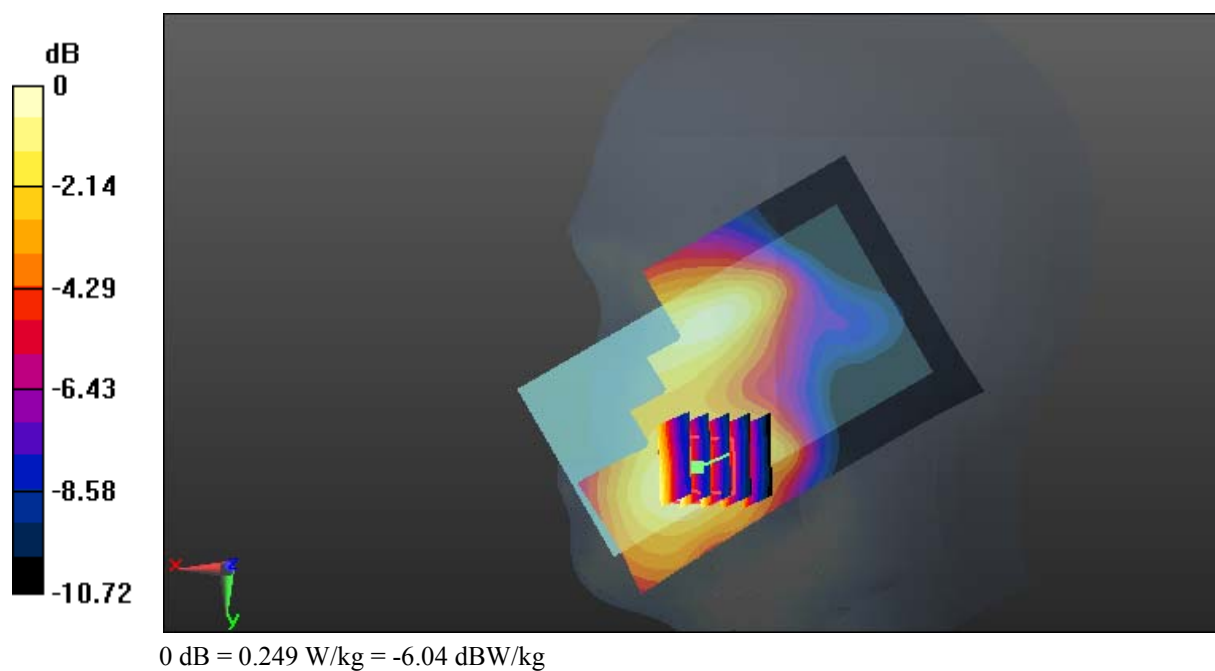
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.824 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.290 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.121 W/kg**

Maximum value of SAR (measured) = 0.249 W/kg



**Test Plot 19#: GSM 1900\_Head Right Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.105 W/kg

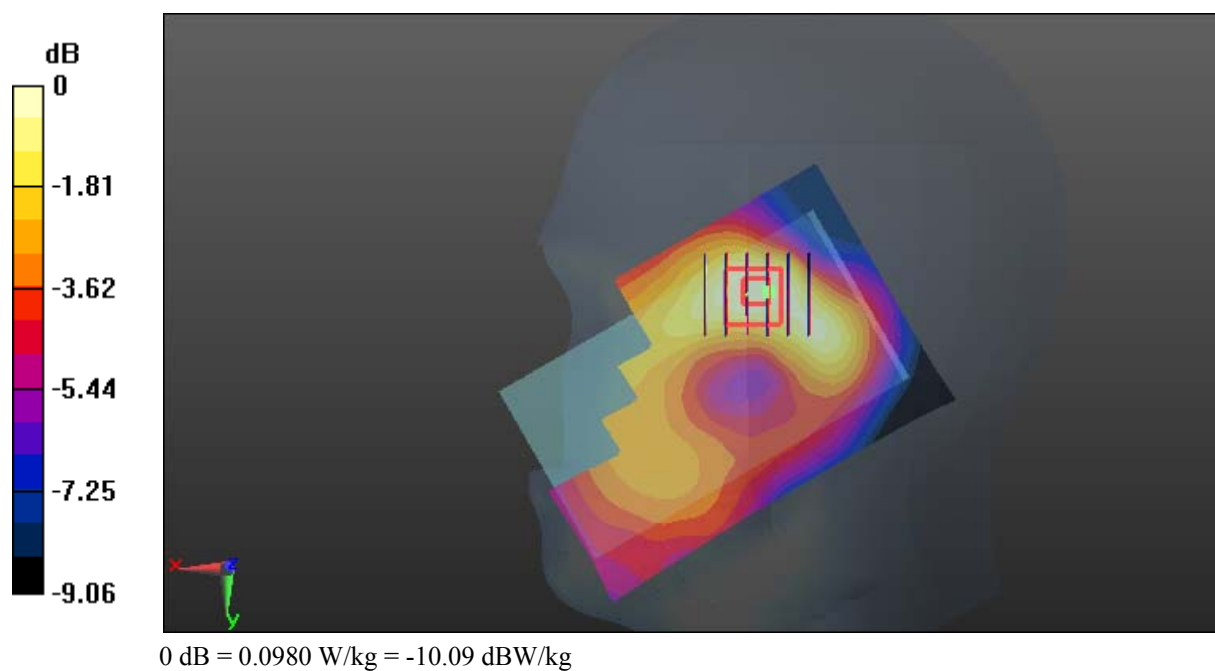
**Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.287 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.0980 W/kg



**Test Plot 20#: GSM 1900\_Body Worn Back\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 54.181$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.562 W/kg

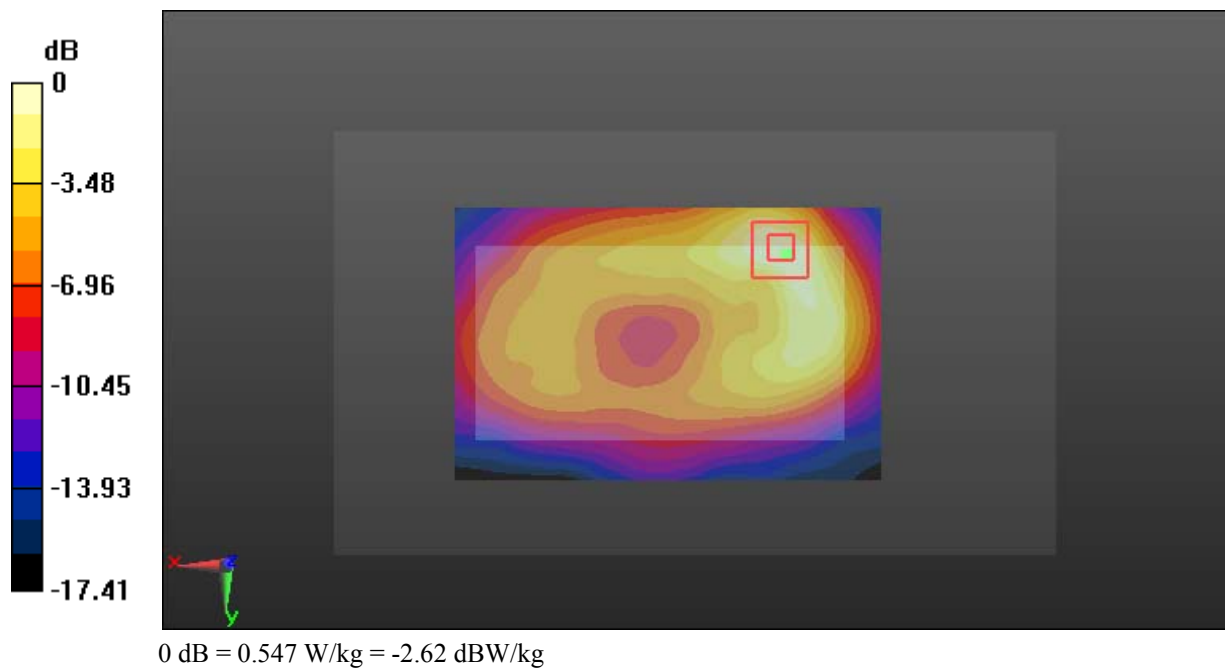
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.470 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.702 W/kg

**SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.189 W/kg**

Maximum value of SAR (measured) = 0.547 W/kg



**Test Plot 21#: GSM 1900\_Body Back\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 54.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.826 W/kg

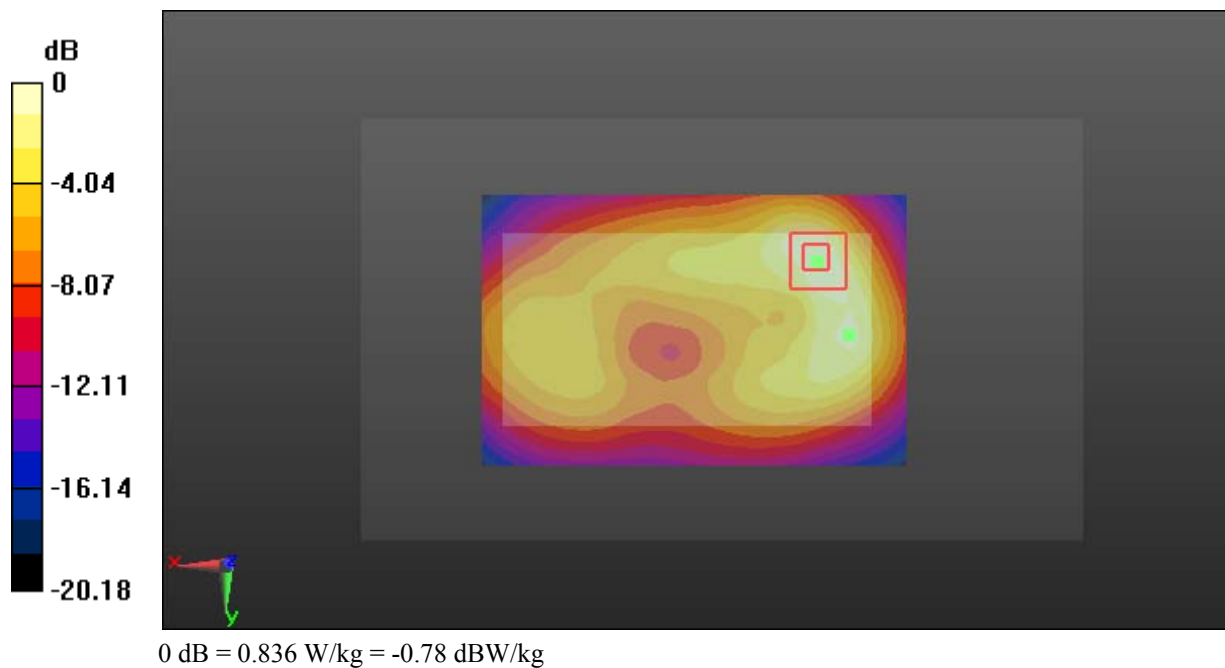
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.24 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.272 W/kg**

Maximum value of SAR (measured) = 0.836 W/kg



**Test Plot 22#: GSM 1900\_Body Left\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 54.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.430 W/kg

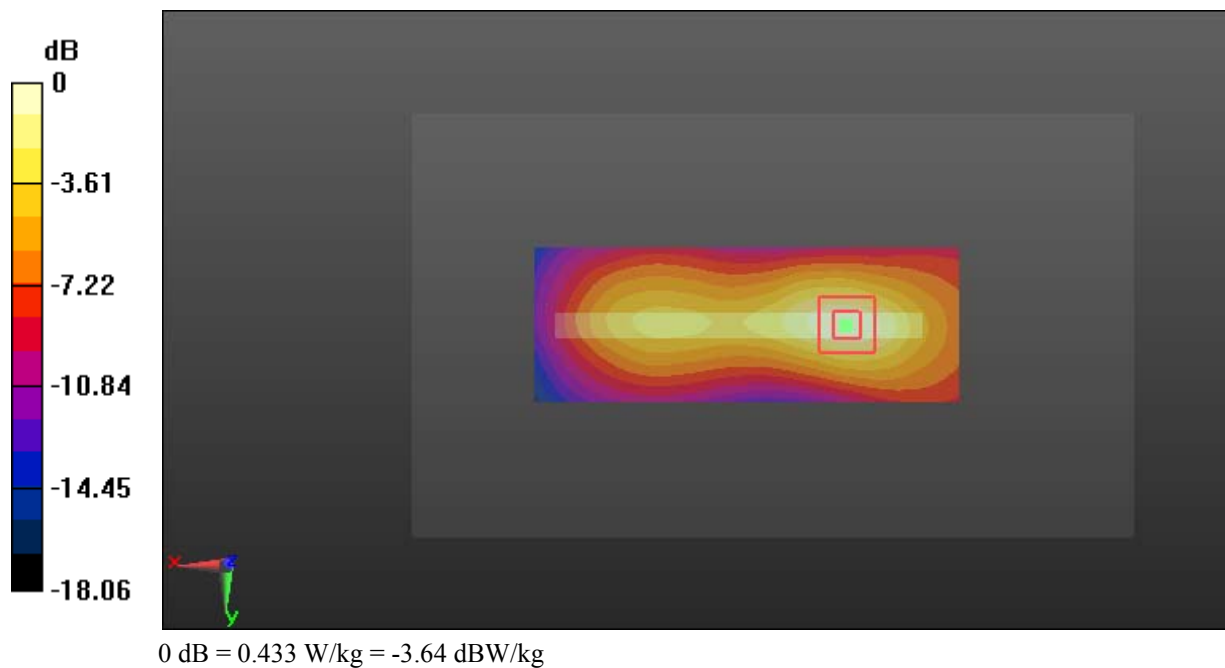
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.66 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.528 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.149 W/kg**

Maximum value of SAR (measured) = 0.433 W/kg



**Test Plot 23#: GSM 1900\_Body Right\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 54.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.164 W/kg

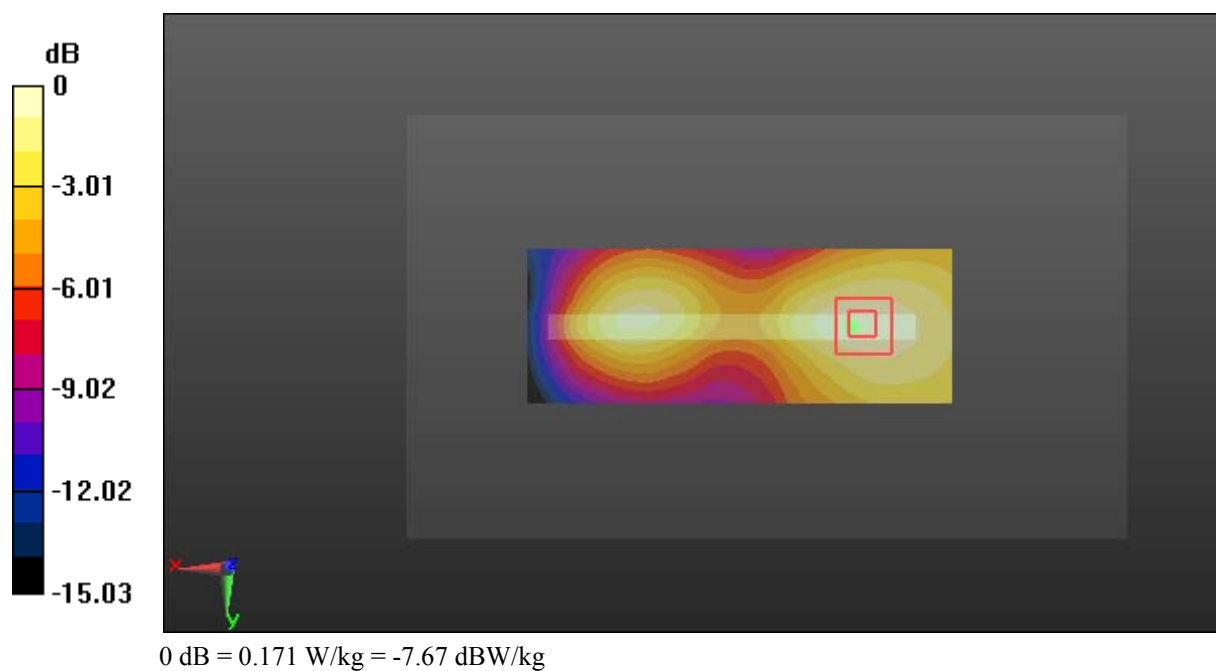
**Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.118 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.205 W/kg

**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.171 W/kg



**Test Plot 24#: GSM 1900\_Body Bottom\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-4 slots; Frequency: 1850.2 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 54.571$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

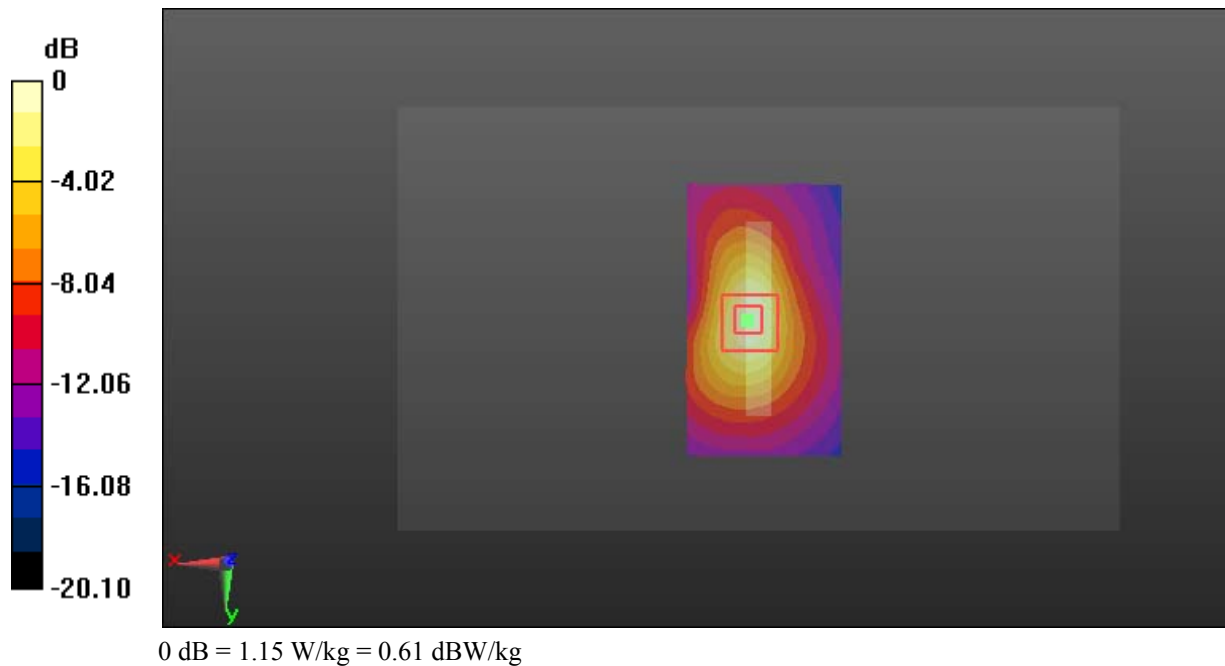
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.26 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.351 W/kg**

Maximum value of SAR (measured) = 1.15 W/kg





**Test Plot 25#: GSM 1900\_Body Bottom\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 54.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.38 W/kg

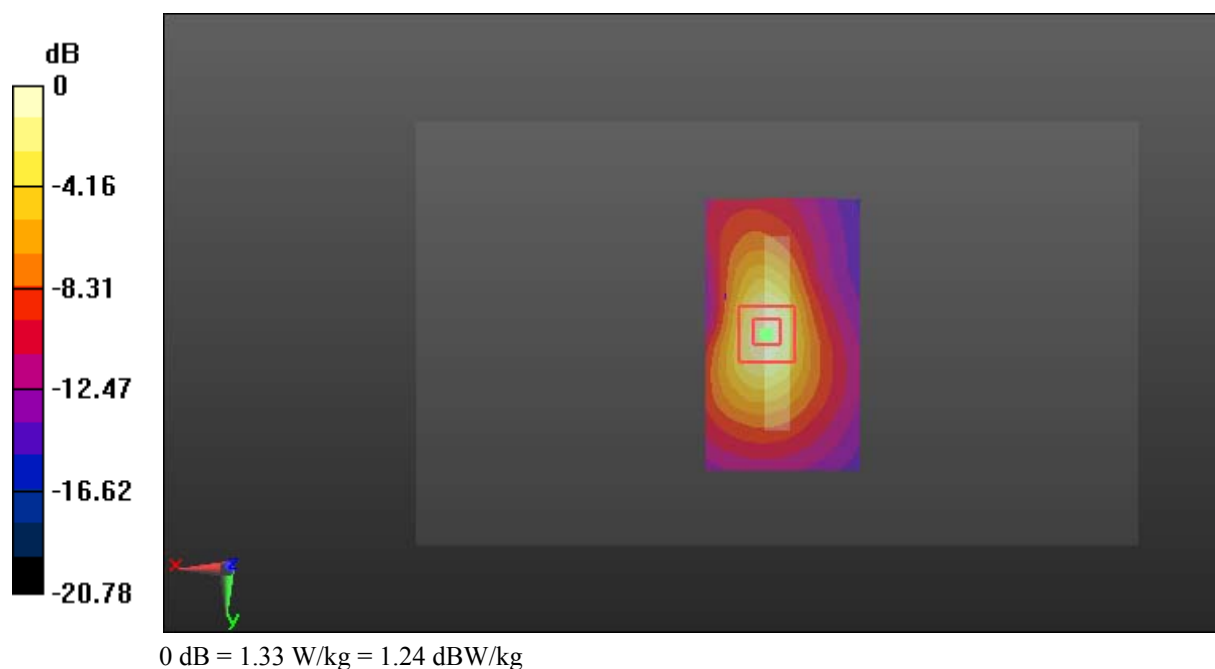
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.93 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.396 W/kg**

Maximum value of SAR (measured) = 1.33 W/kg



**Test Plot 26#: GSM 1900\_Body Bottom\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic GPRS-4 slots; Frequency: 1909.8 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.518$  S/m;  $\epsilon_r = 54.028$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

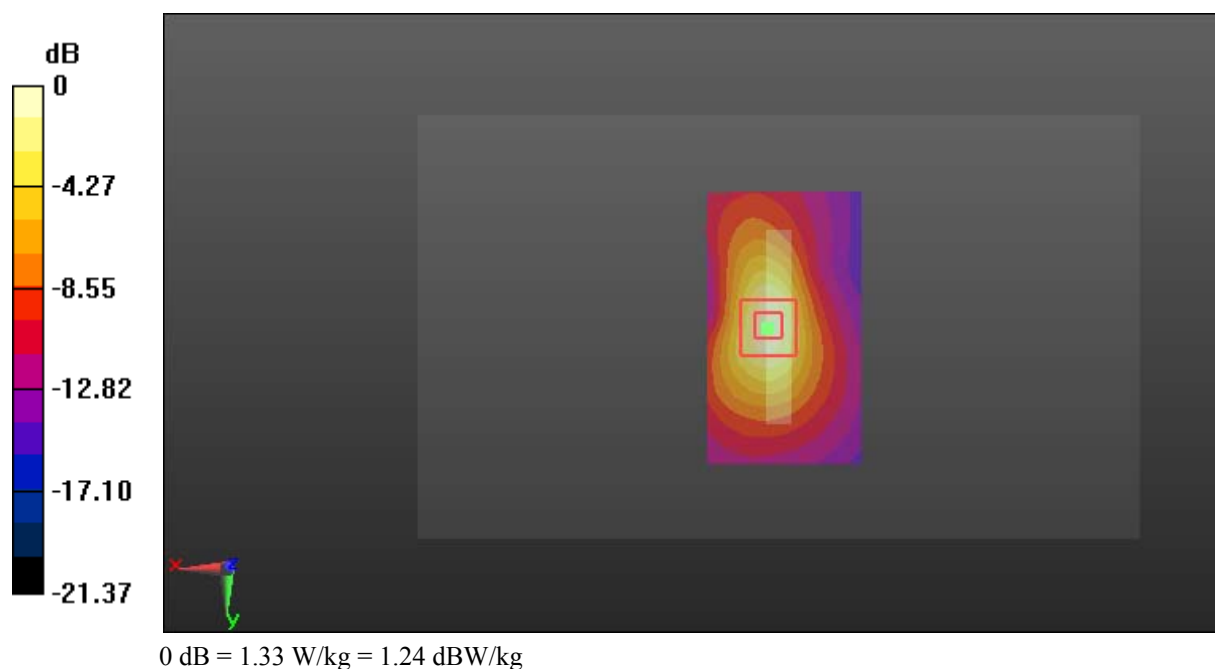
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.32 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.396 W/kg**

Maximum value of SAR (measured) = 1.33 W/kg



**Test Plot 27#: WCDMA Band 2\_Head Left Cheek\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.347$  S/m;  $\epsilon_r = 40.677$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.458 W/kg

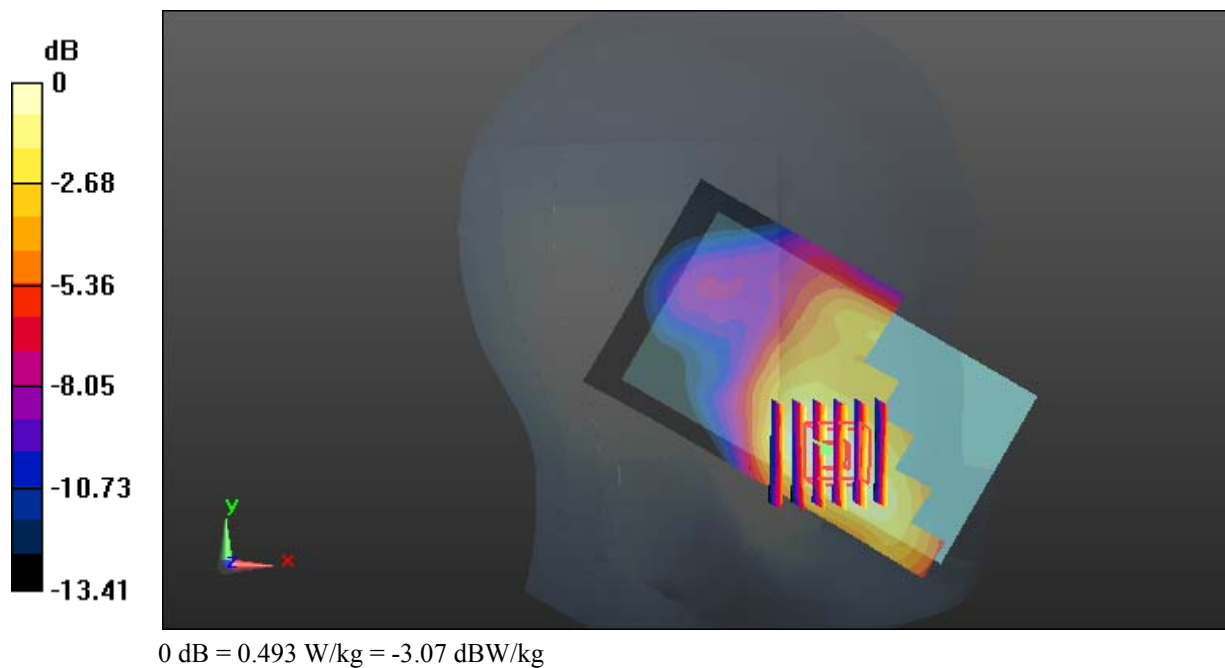
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.102 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.582 W/kg

**SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 0.493 W/kg



**Test Plot 28#: WCDMA Band 2\_Head Left Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.644 W/kg

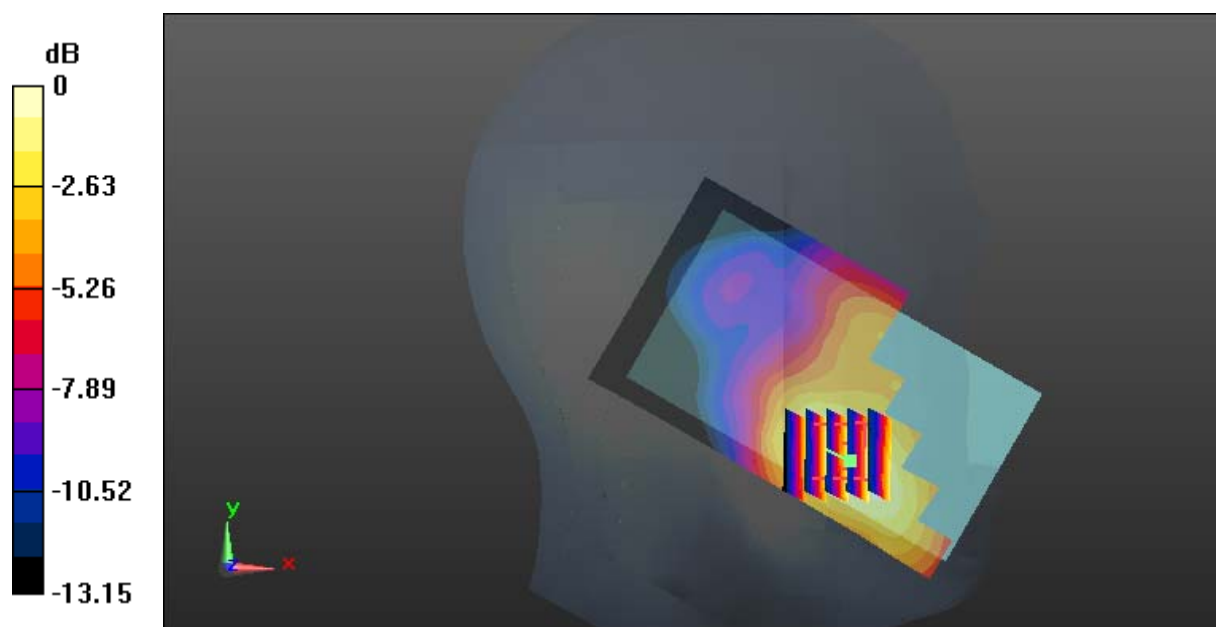
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.375 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.816 W/kg

**SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.291 W/kg**

Maximum value of SAR (measured) = 0.681 W/kg



0 dB = 0.681 W/kg = -1.67 dBW/kg

**Test Plot 29#: WCDMA Band 2\_Head Left Cheek\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.394$  S/m;  $\epsilon_r = 40.318$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.345 W/kg

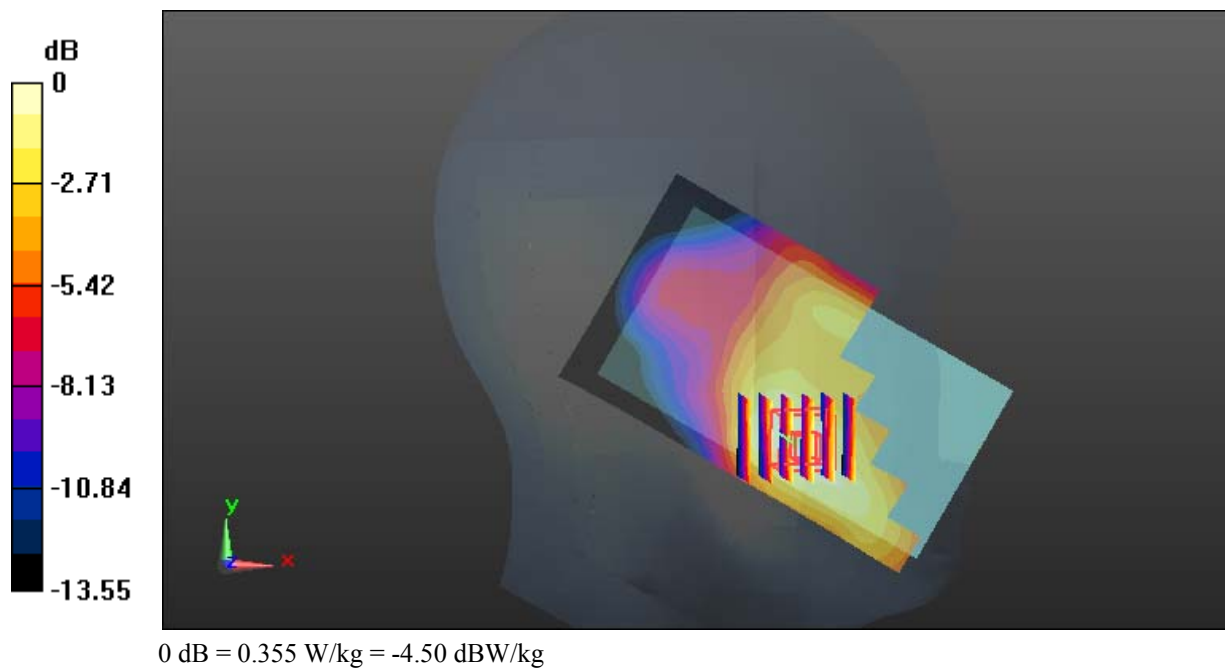
**Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.776 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.426 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.165 W/kg**

Maximum value of SAR (measured) = 0.355 W/kg



**Test Plot 30#: WCDMA Band 2\_Head Left Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.443$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.144 W/kg

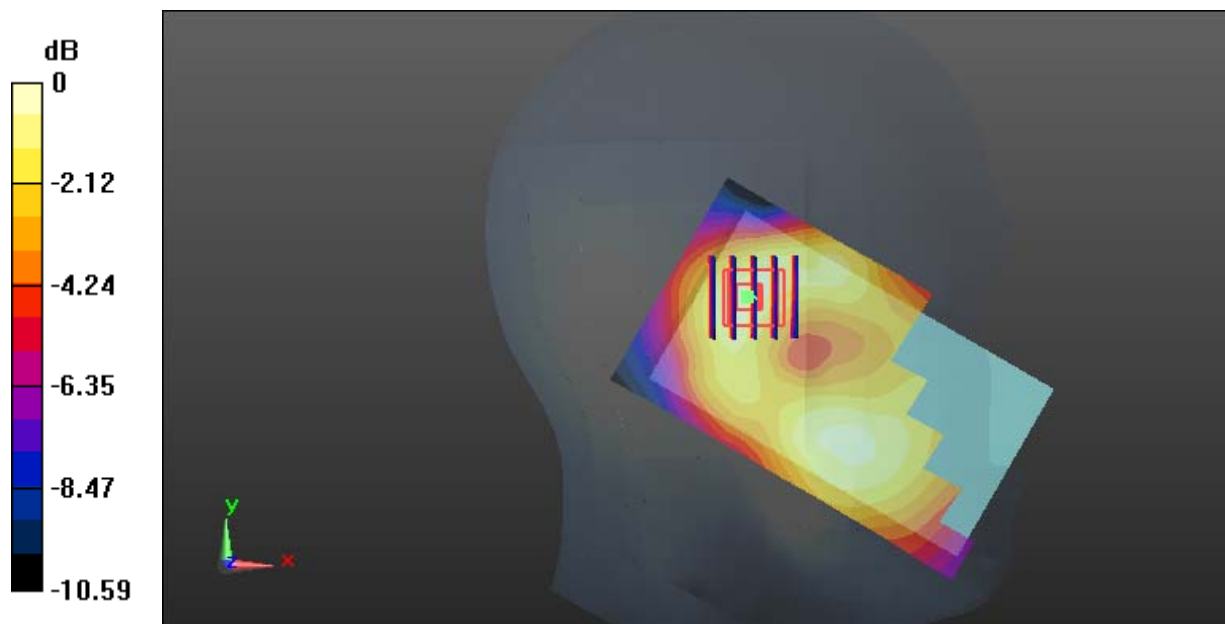
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.672 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.150 W/kg



0 dB = 0.150 W/kg = -8.24 dBW/kg

**Test Plot 31#: WCDMA Band 2\_Head Right Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.443$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.431 W/kg

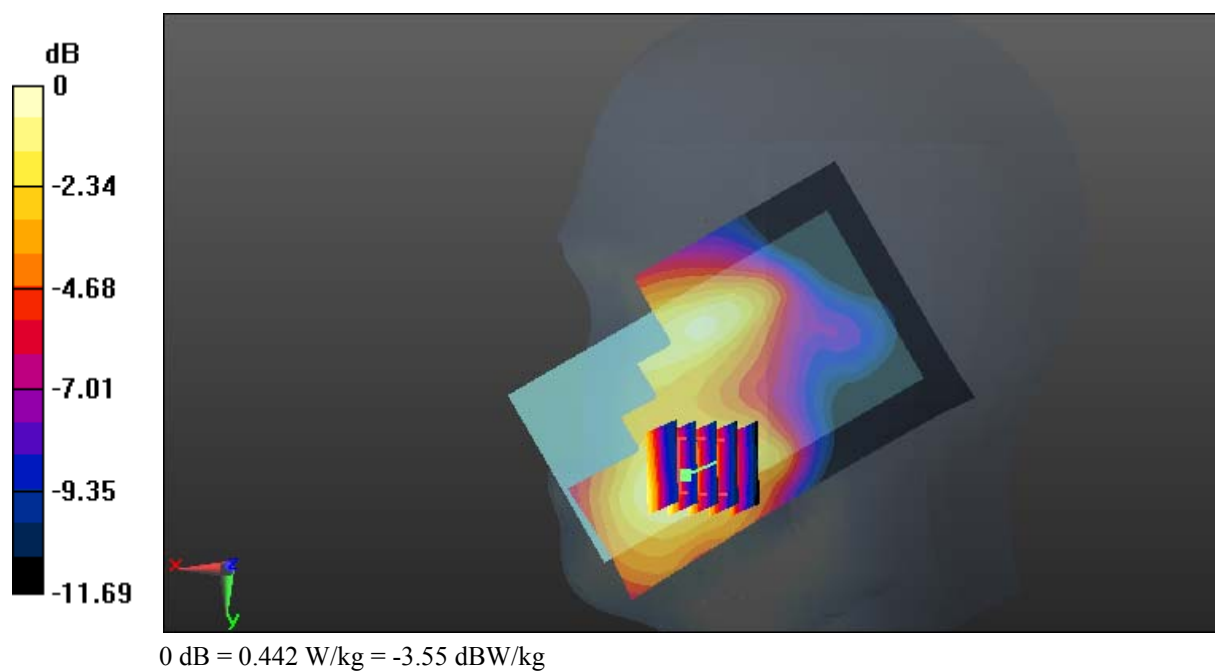
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.308 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.512 W/kg

**SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.208 W/kg**

Maximum value of SAR (measured) = 0.442 W/kg



**Test Plot 32#: WCDMA Band 2\_Head Right Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.443$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.24, 8.24, 8.24); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.142 W/kg

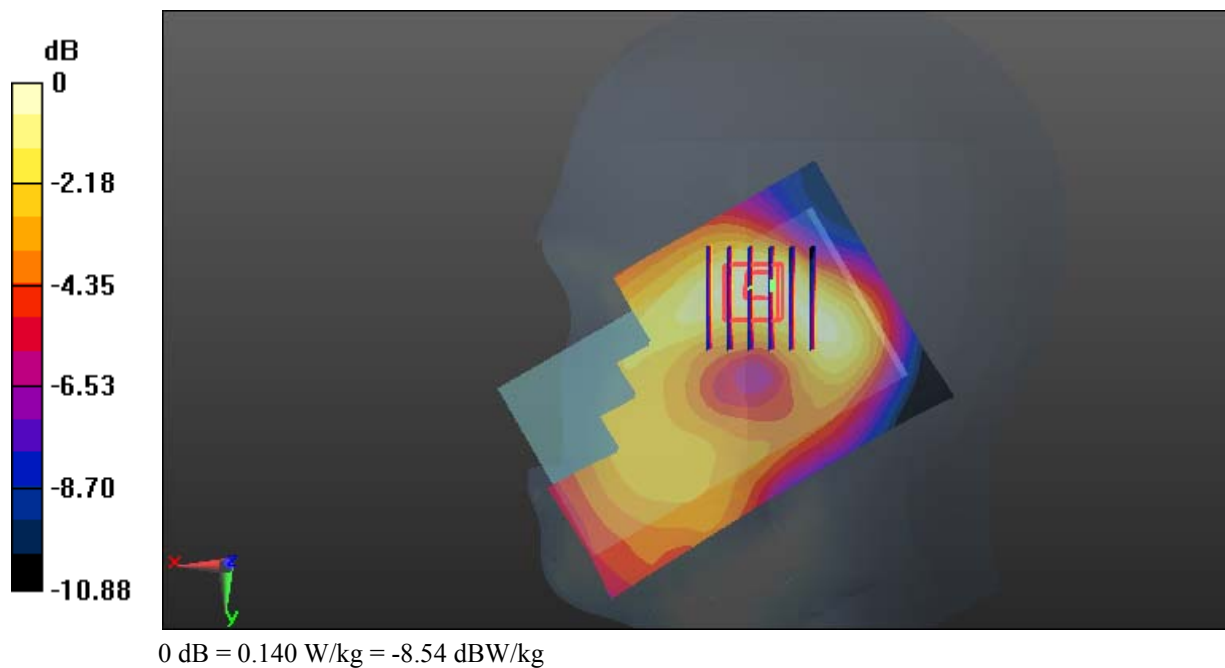
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.553 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.166 W/kg

**SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.065 W/kg**

Maximum value of SAR (measured) = 0.140 W/kg





**Test Plot 33#: WCDMA Band 2\_Body Back\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 54.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

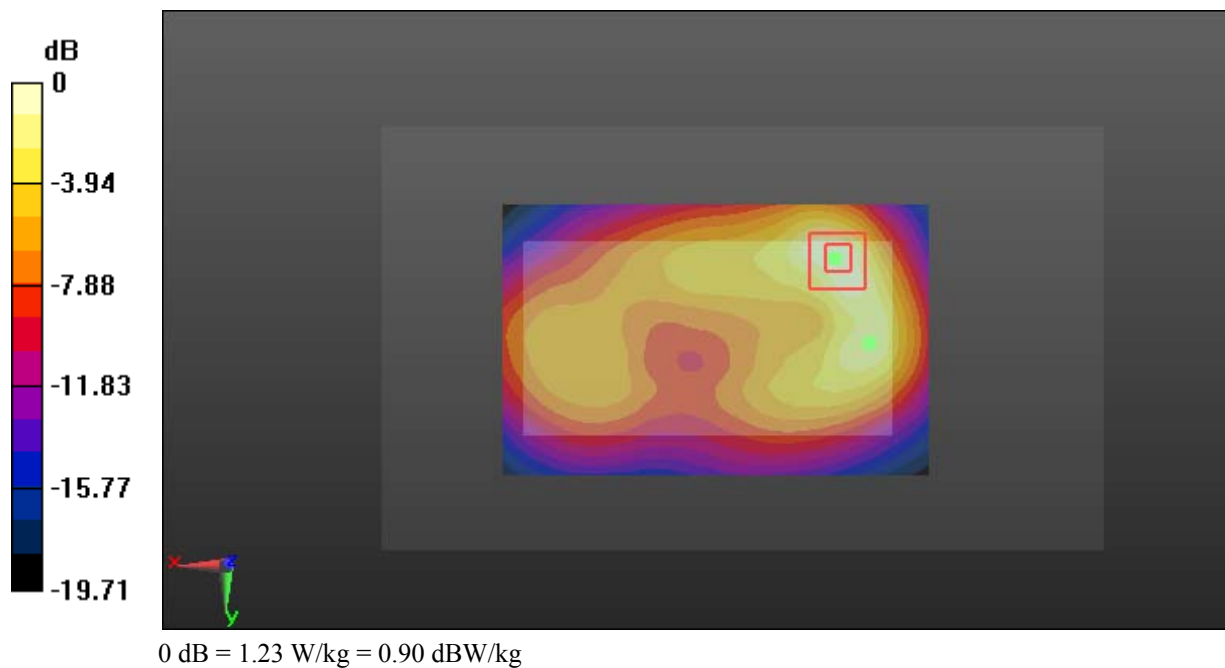
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.75 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.380 W/kg**

Maximum value of SAR (measured) = 1.23 W/kg



**Test Plot 34#: WCDMA Band 2\_Body Left\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 54.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.604 W/kg

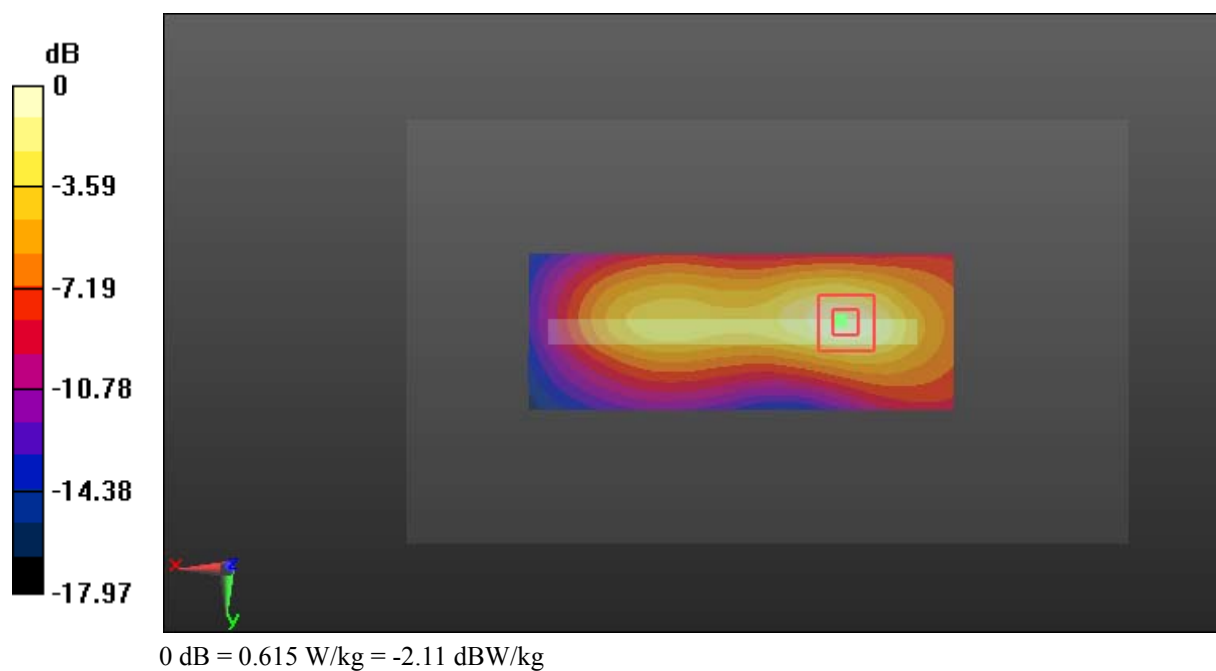
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.52 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.752 W/kg

**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 0.615 W/kg



**Test Plot 35#: WCDMA Band 2\_Body Right\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 54.181$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.239 W/kg

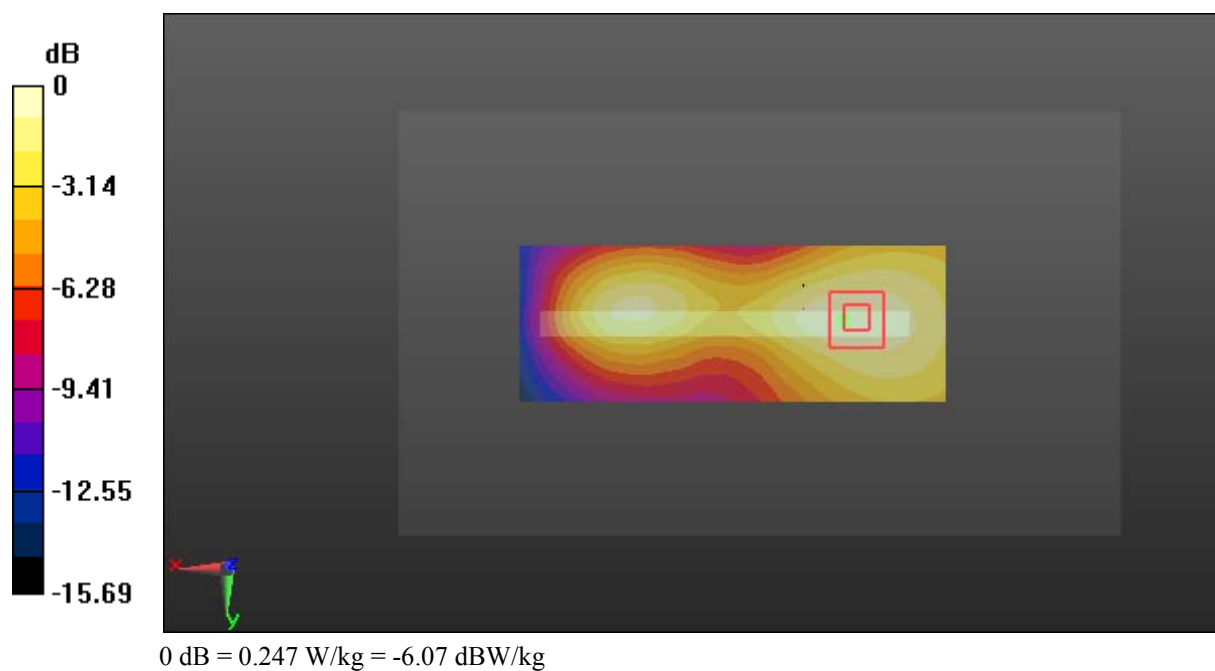
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.834 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.299 W/kg

**SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.247 W/kg



**Test Plot 36#: WCDMA Band 2\_Body Bottom\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.471$  S/m;  $\epsilon_r = 54.544$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.64 W/kg

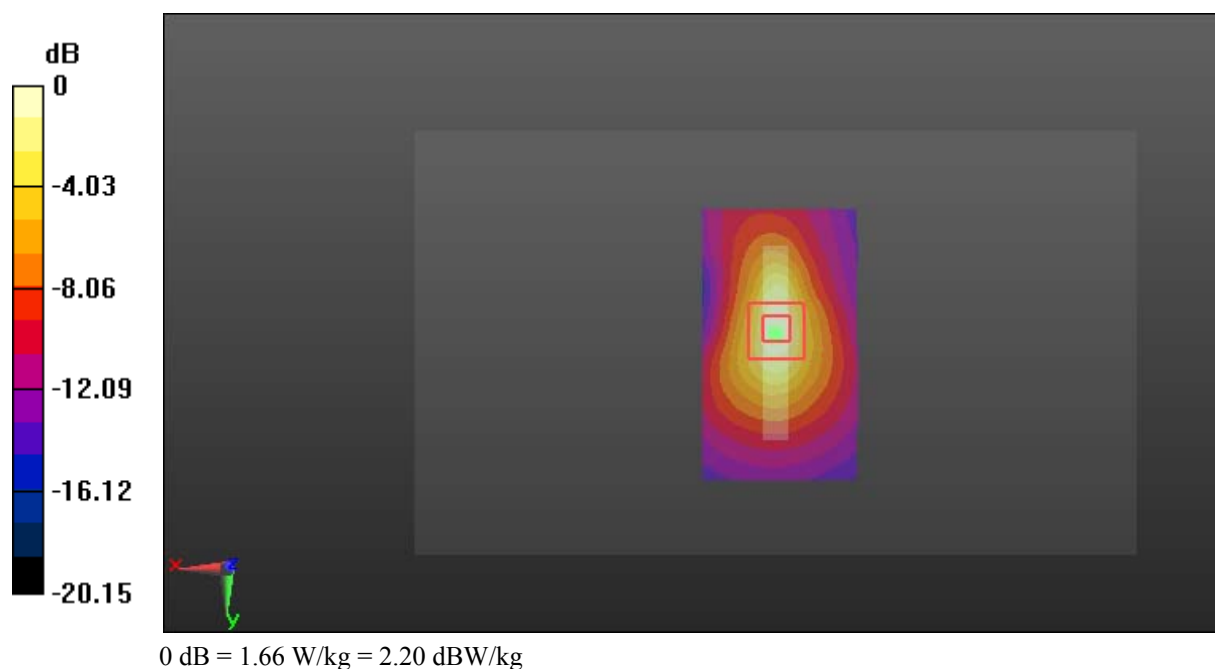
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.97 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.503 W/kg**

Maximum value of SAR (measured) = 1.66 W/kg



**Test Plot 37#: WCDMA Band 2\_Body Bottom\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 54.181$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.79 W/kg

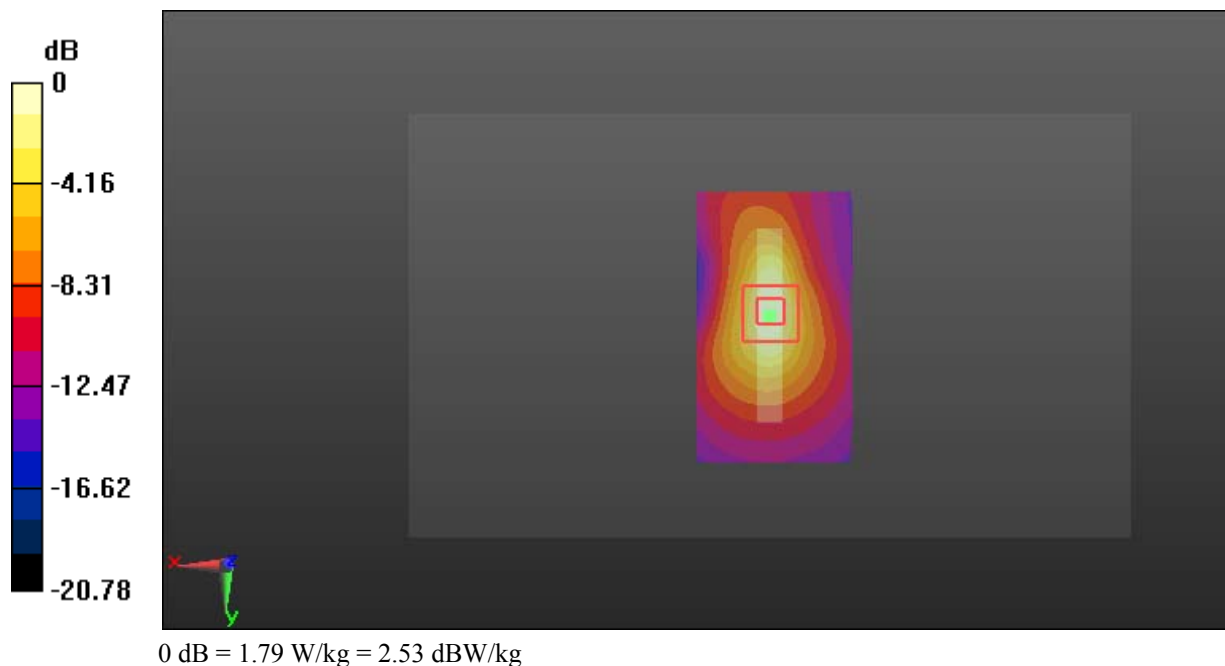
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.50 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.22 W/kg

**SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.534 W/kg**

Maximum value of SAR (measured) = 1.79 W/kg



**Test Plot 38#: WCDMA Band 2\_Body Bottom\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.517$  S/m;  $\epsilon_r = 54.095$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8, 8, 8); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

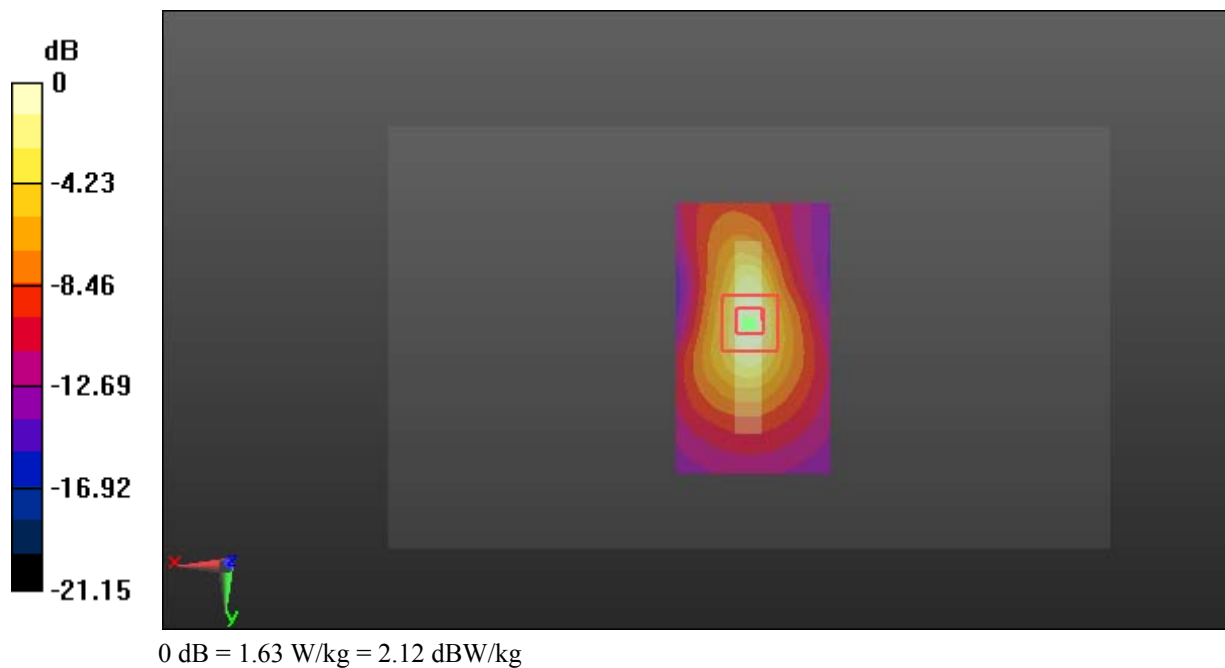
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.66 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.475 W/kg**

Maximum value of SAR (measured) = 1.63 W/kg



**Test Plot 39#: WCDMA Band 4\_Head Left Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.346$  S/m;  $\epsilon_r = 41.22$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.36, 8.36, 8.36); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.446 W/kg

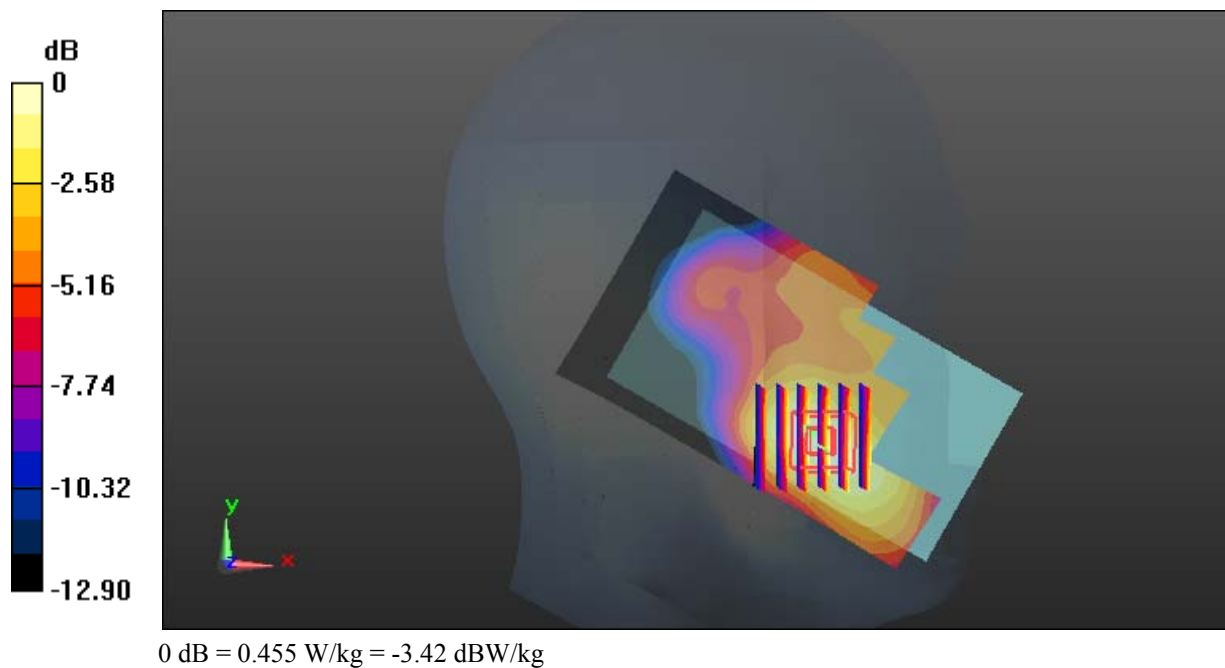
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.228 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.545 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.220 W/kg**

Maximum value of SAR (measured) = 0.455 W/kg



**Test Plot 40#: WCDMA Band 4\_Head Left Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.346$  S/m;  $\epsilon_r = 41.22$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.36, 8.36, 8.36); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.175 W/kg

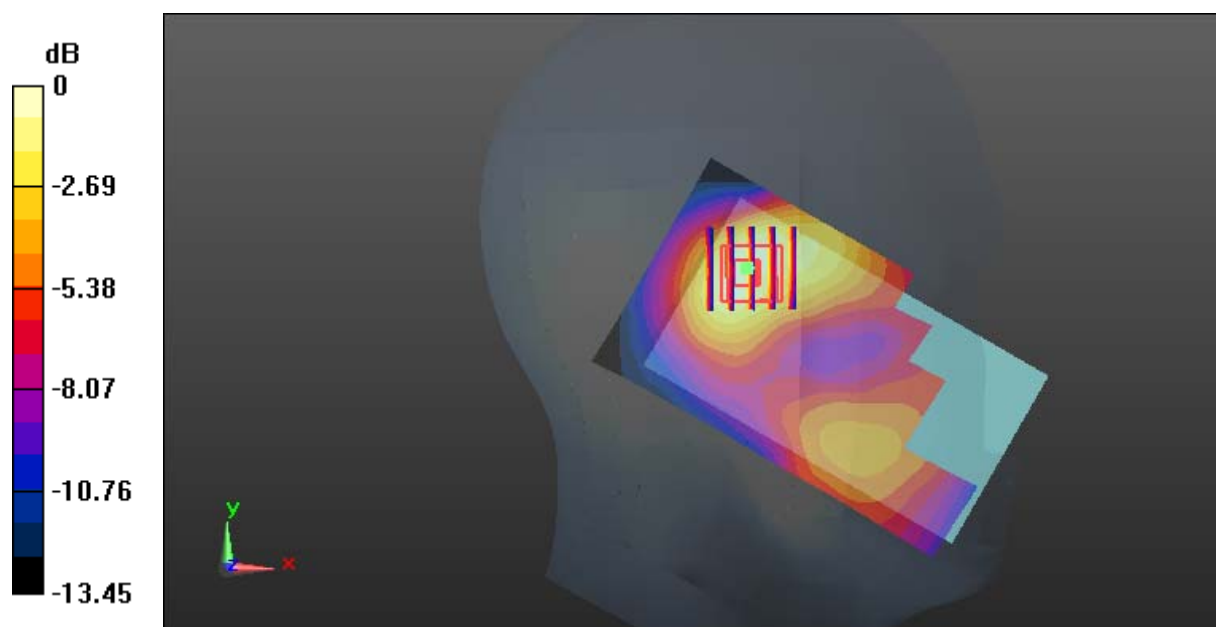
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.724 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.193 W/kg

**SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.076 W/kg**

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg



**Test Plot 41#: WCDMA Band 4\_Head Right Cheek\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.318$  S/m;  $\epsilon_r = 41.382$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.36, 8.36, 8.36); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.522 W/kg

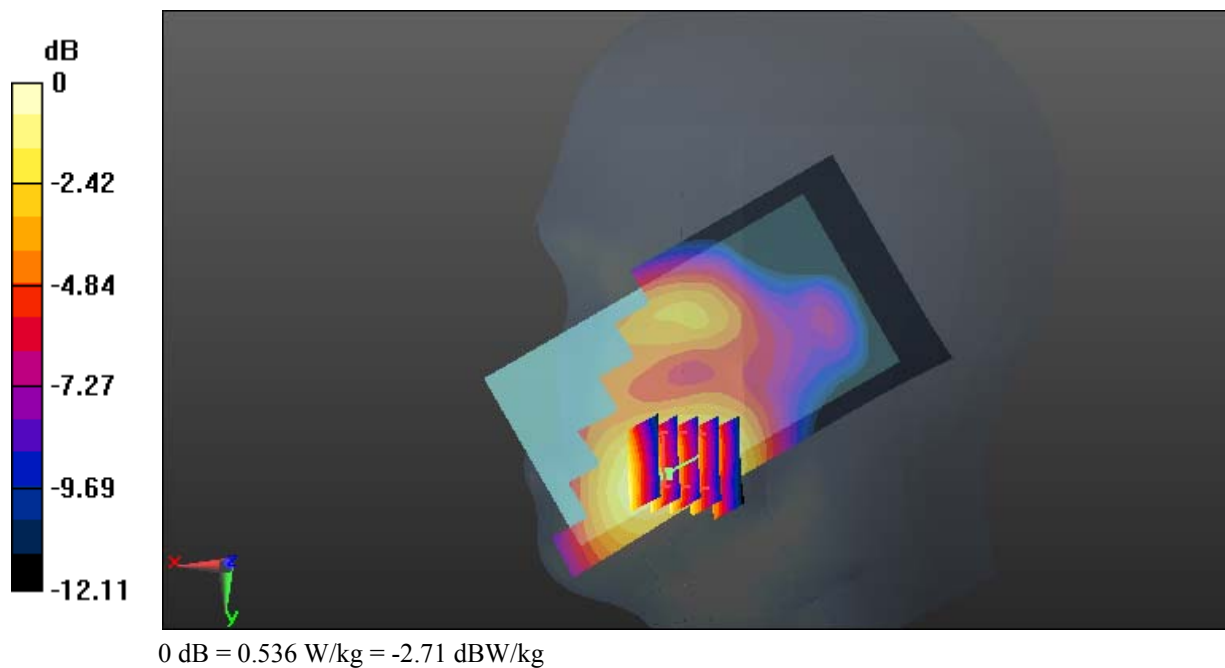
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.640 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.275 W/kg**

Maximum value of SAR (measured) = 0.536 W/kg



**Test Plot 42#: WCDMA Band 4\_Head Right Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.346$  S/m;  $\epsilon_r = 41.22$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.36, 8.36, 8.36); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.445 W/kg

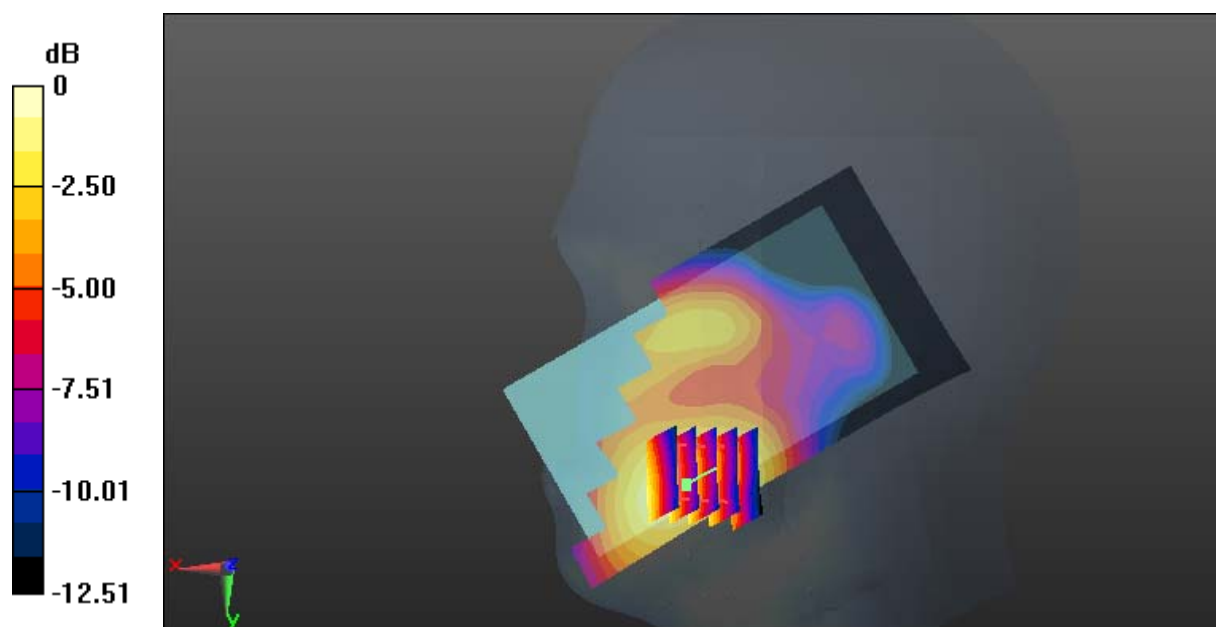
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.804 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.531 W/kg

**SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.230 W/kg**

Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.465 W/kg = -3.33 dBW/kg

**Test Plot 43#: WCDMA Band 4\_Head Right Cheek\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.359$  S/m;  $\epsilon_r = 41.097$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.36, 8.36, 8.36); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.456 W/kg

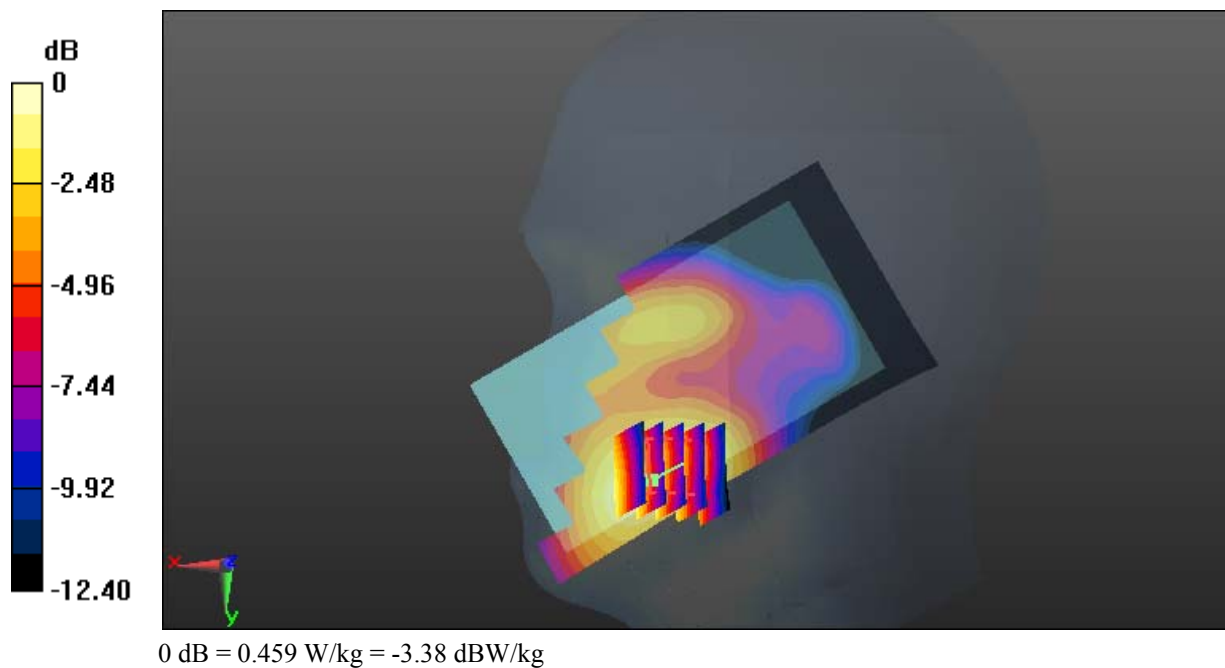
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.388 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.229 W/kg**

Maximum value of SAR (measured) = 0.459 W/kg



**Test Plot 44#: WCDMA Band 4\_Head Right Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.346$  S/m;  $\epsilon_r = 41.22$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.36, 8.36, 8.36); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.147 W/kg

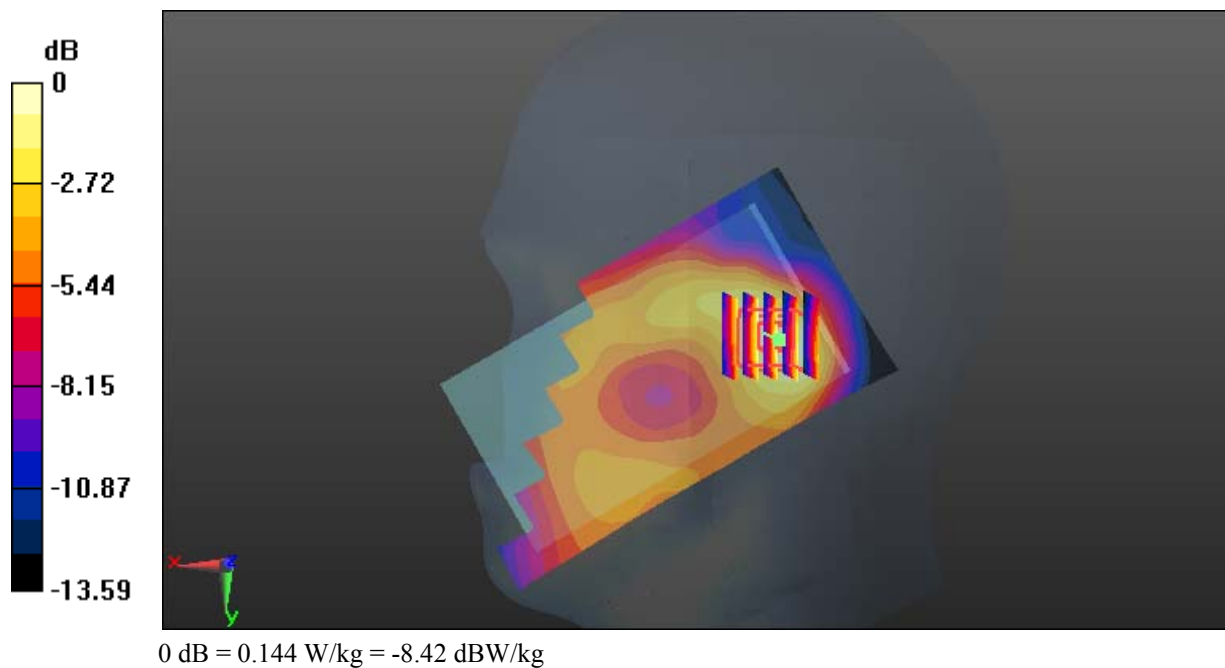
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.905 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.165 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.144 W/kg



**Test Plot 45#: WCDMA Band 4\_Body Back\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 53.025$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.23, 8.23, 8.23); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.844 W/kg

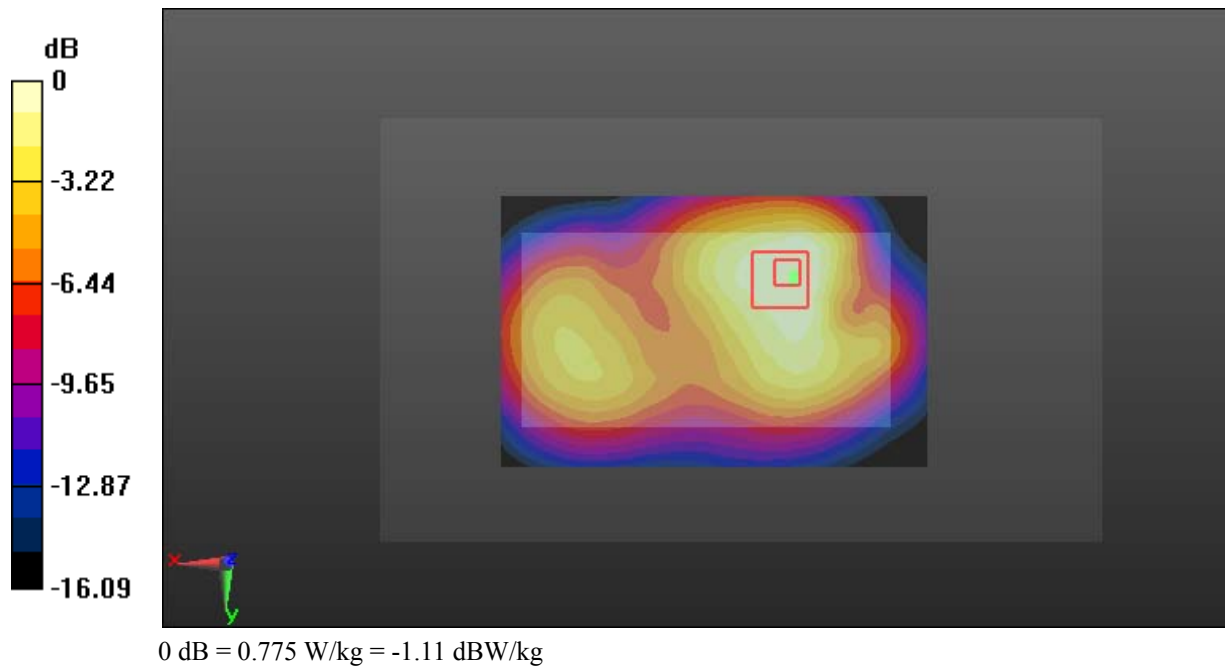
**Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.06 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.939 W/kg

**SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.366 W/kg**

Maximum value of SAR (measured) = 0.775 W/kg



**Test Plot 46#: WCDMA Band 4\_Body Back\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 52.846$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.23, 8.23, 8.23); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.699 W/kg

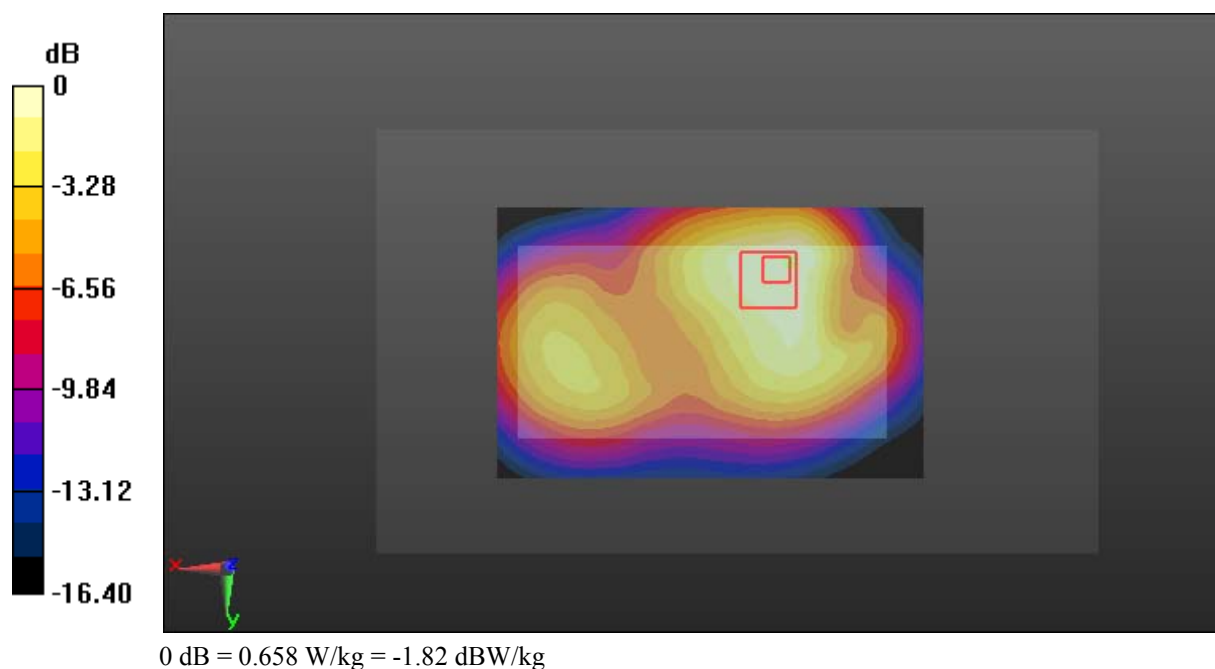
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.36 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.784 W/kg

**SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 0.658 W/kg



**Test Plot 47#: WCDMA Band 4\_Body Back\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.551$  S/m;  $\epsilon_r = 52.651$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.23, 8.23, 8.23); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.619 W/kg

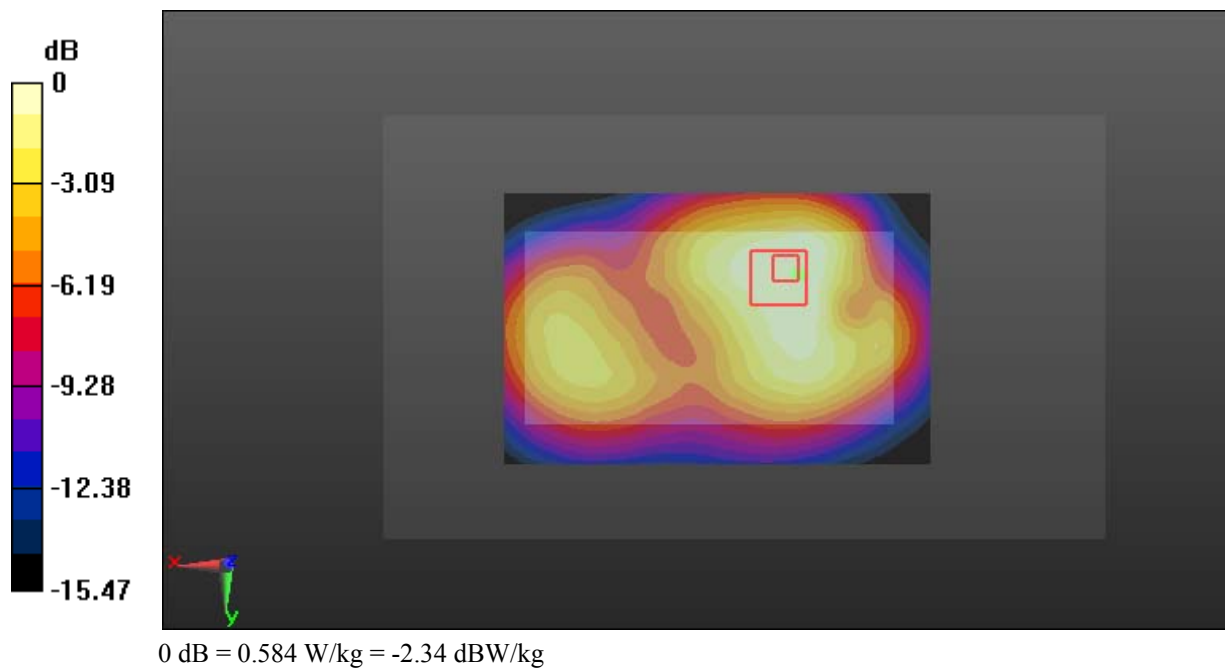
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.71 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.702 W/kg

**SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 0.584 W/kg



**Test Plot 48#: WCDMA Band 4\_Body Left\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 52.846$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.23, 8.23, 8.23); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.505 W/kg

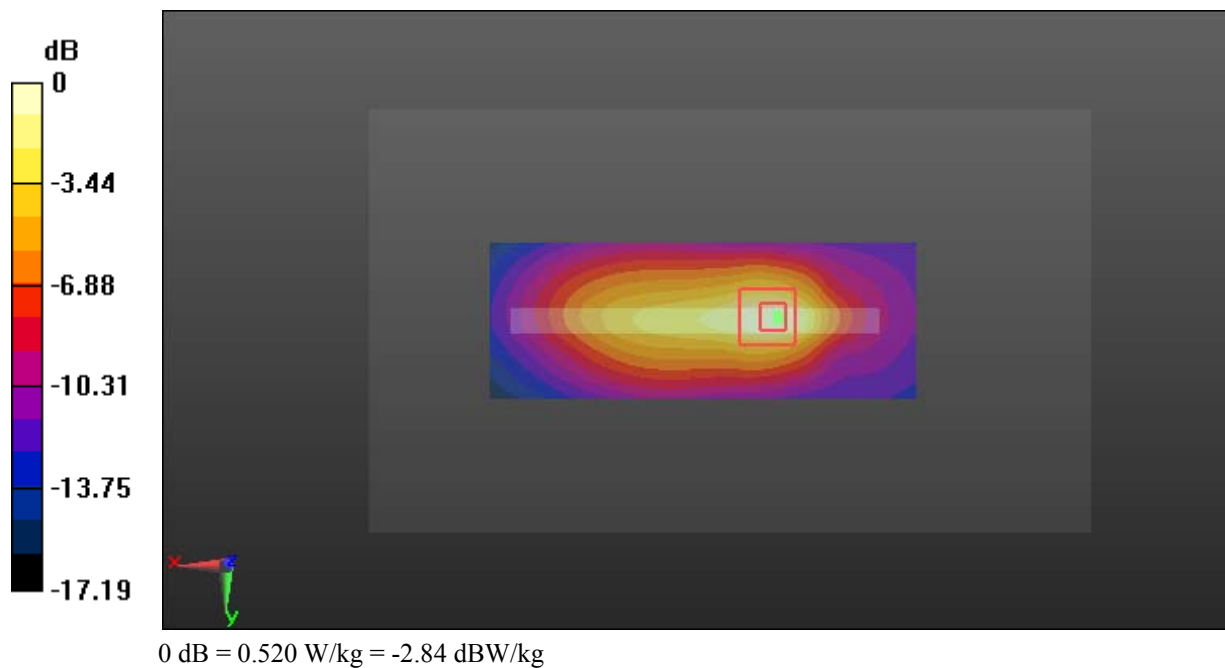
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.15 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.633 W/kg

**SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 0.520 W/kg





**Test Plot 49#: WCDMA Band 4\_Body Right\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 52.846$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.23, 8.23, 8.23); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.171 W/kg

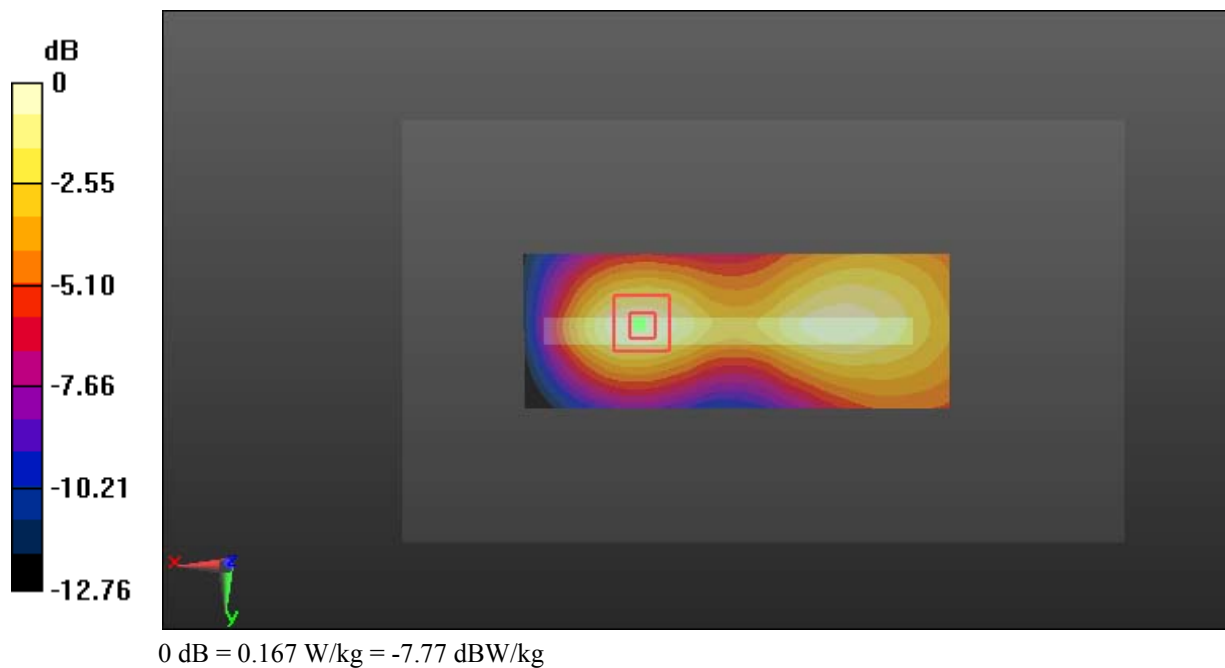
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.136 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.074 W/kg**

Maximum value of SAR (measured) = 0.167 W/kg



**Test Plot 50#: WCDMA Band 4\_Body Bottom\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 52.846$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(8.23, 8.23, 8.23); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

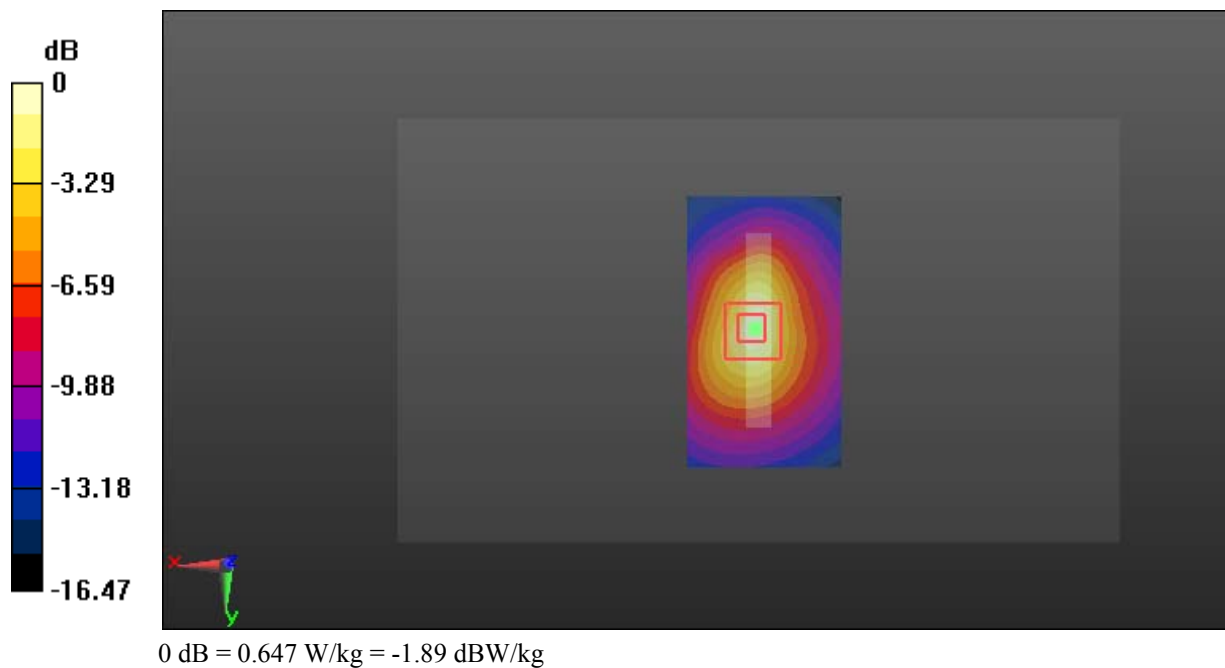
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.80 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.769 W/kg

**SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.647 W/kg



**Test Plot 51#: WCDMA Band 5\_Head Left Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.486 W/kg

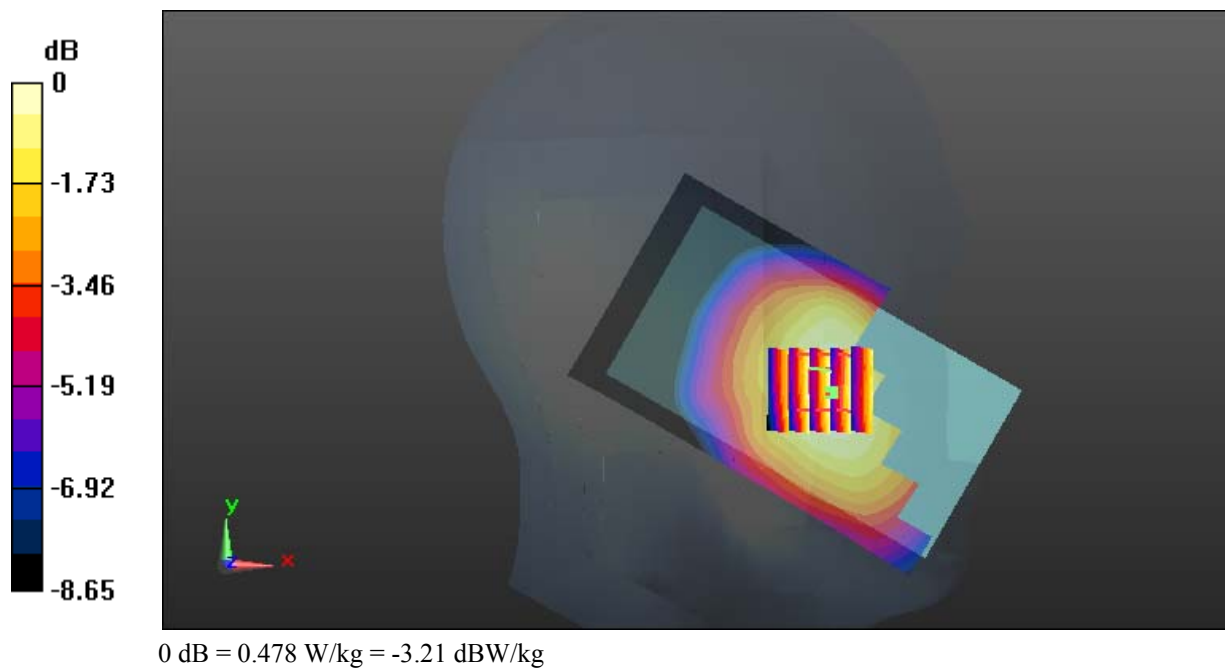
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.429 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.523 W/kg

**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.306 W/kg**

Maximum value of SAR (measured) = 0.478 W/kg



**Test Plot 52#: WCDMA Band 5\_Head Left Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.254 W/kg

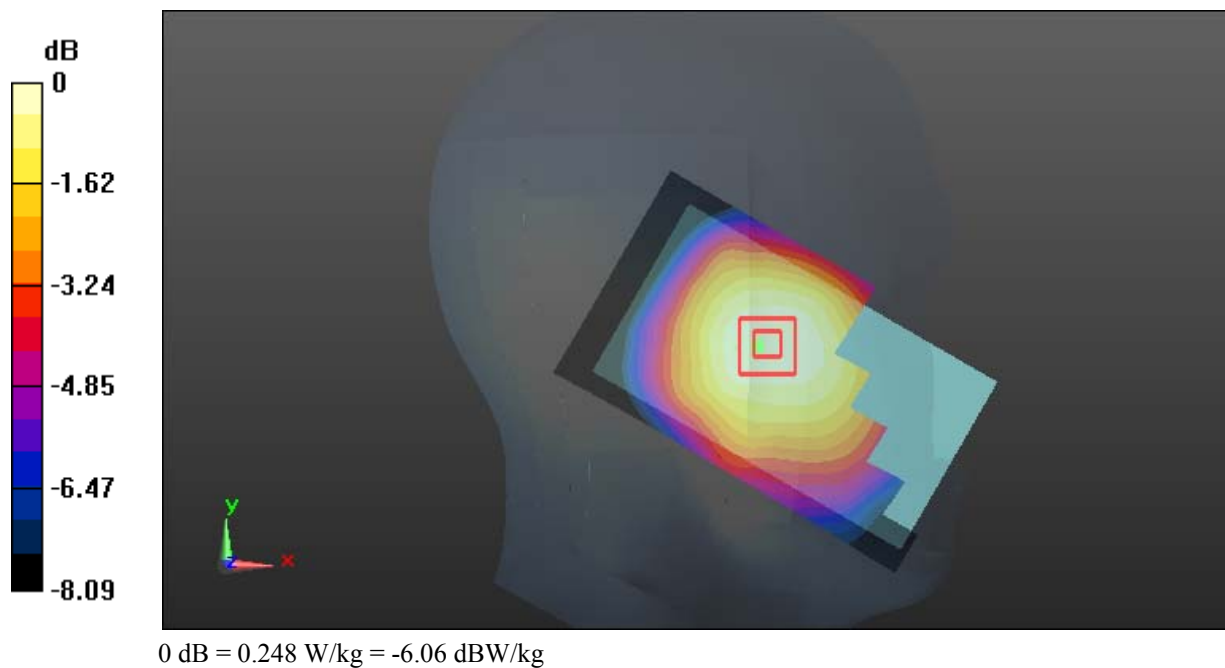
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.841 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.264 W/kg

**SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.248 W/kg



**Test Plot 53#: WCDMA Band 5\_Head Right Cheek\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 42.299$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.434 W/kg

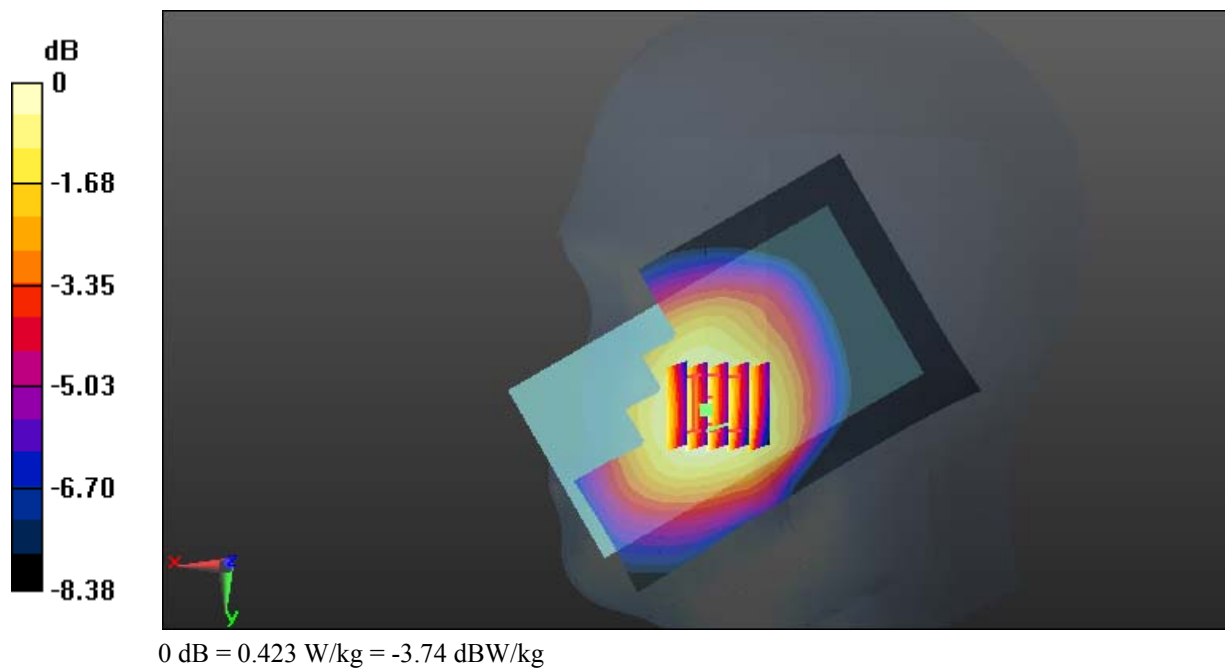
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.892 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.466 W/kg

**SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 0.423 W/kg



**Test Plot 54#: WCDMA Band 5\_Head Right Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.483 W/kg

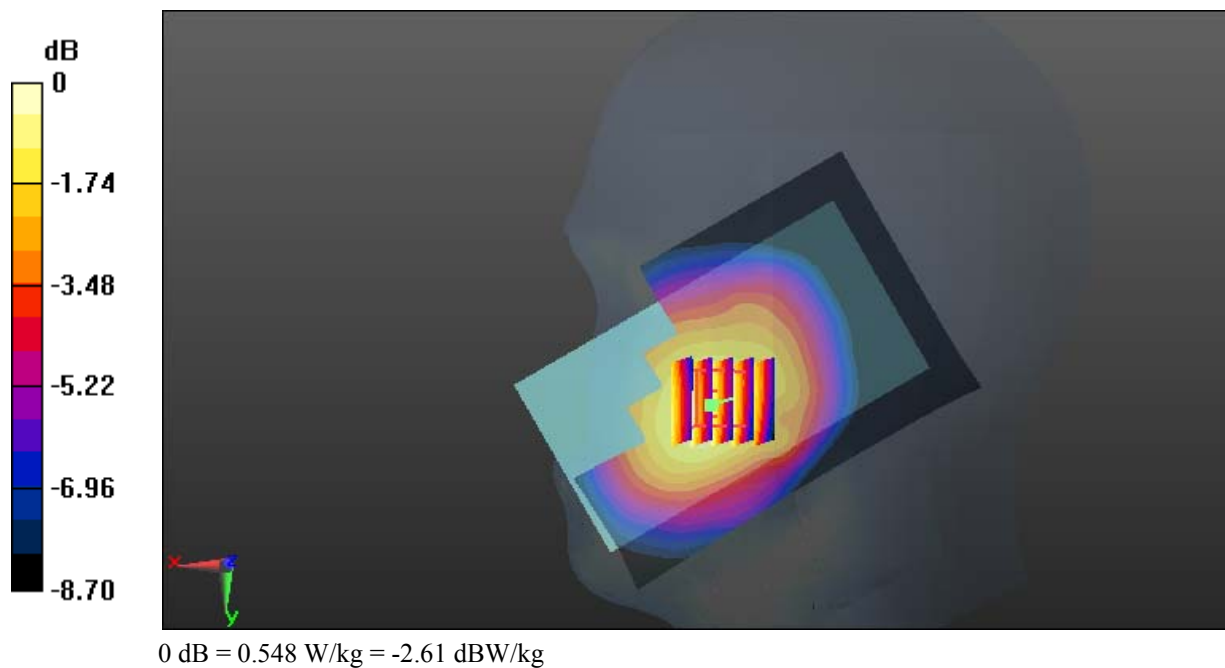
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.926 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.592 W/kg

**SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.351 W/kg**

Maximum value of SAR (measured) = 0.548 W/kg



**Test Plot 55#: WCDMA Band 5\_Head Right Cheek\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 846.6$  MHz;  $\sigma = 0.885$  S/m;  $\epsilon_r = 42.044$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.477 W/kg

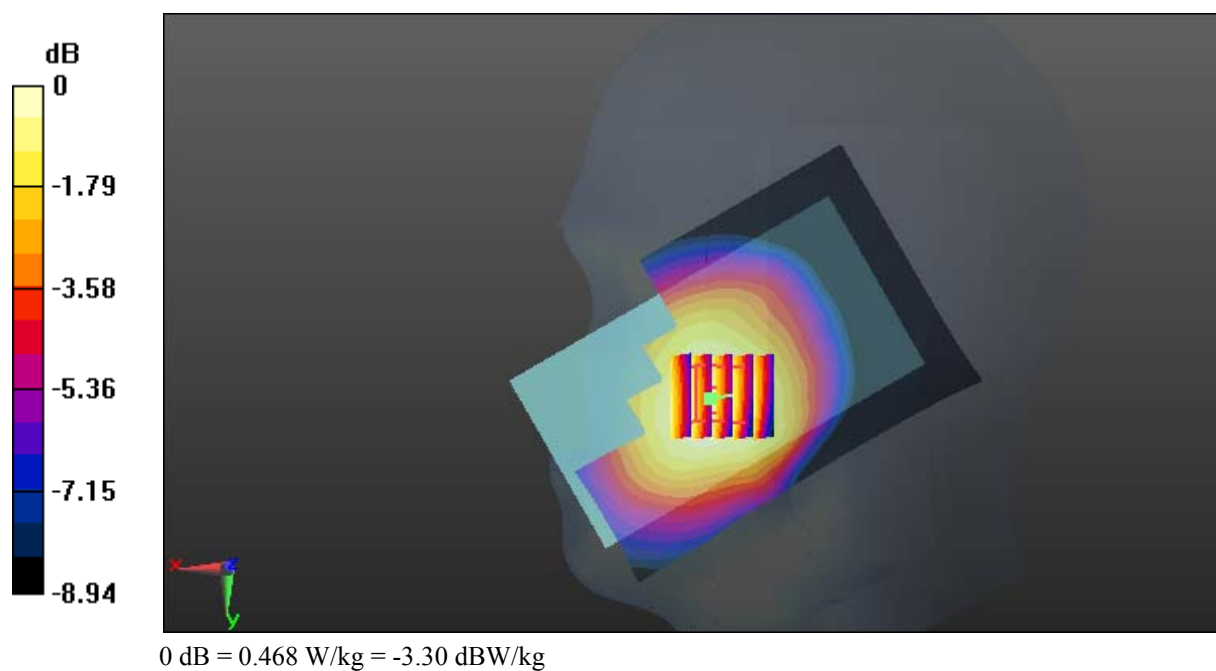
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.924 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.511 W/kg

**SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.304 W/kg**

Maximum value of SAR (measured) = 0.468 W/kg



**Test Plot 56#: WCDMA Band 5\_Head Right Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.132$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.04, 10.04, 10.04); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (101x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.229 W/kg

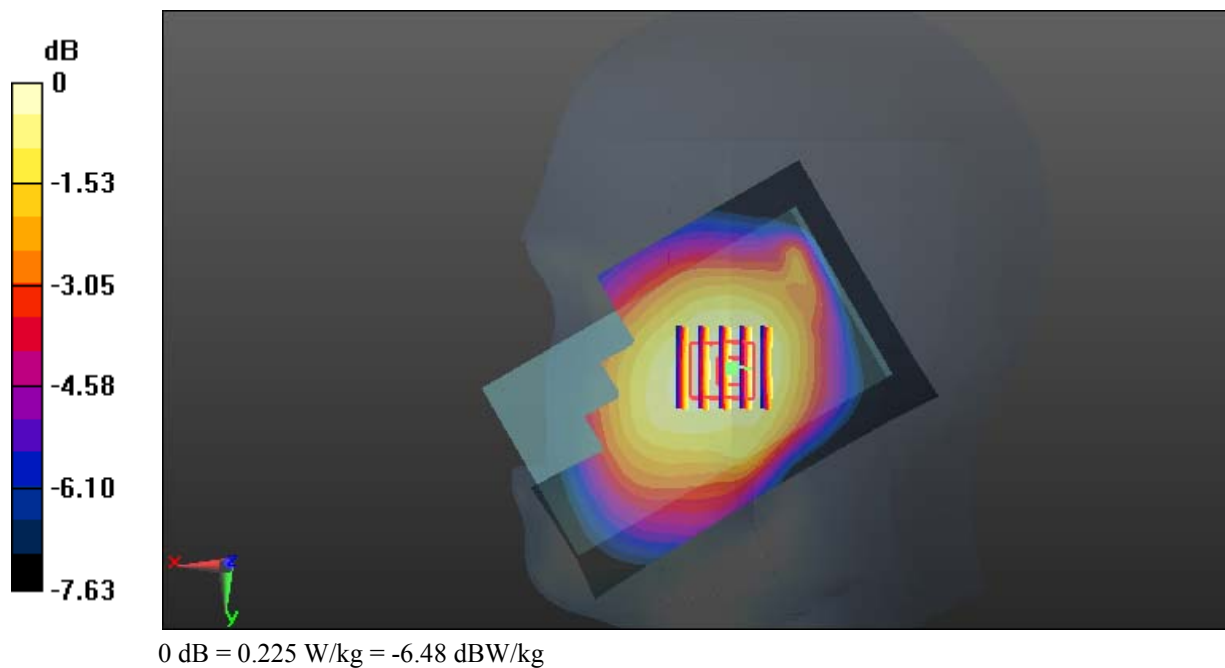
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.89 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.241 W/kg

**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.158 W/kg**

Maximum value of SAR (measured) = 0.225 W/kg





**Test Plot 57#: WCDMA Band 5\_Body Back\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.954$  S/m;  $\epsilon_r = 57.237$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.629 W/kg

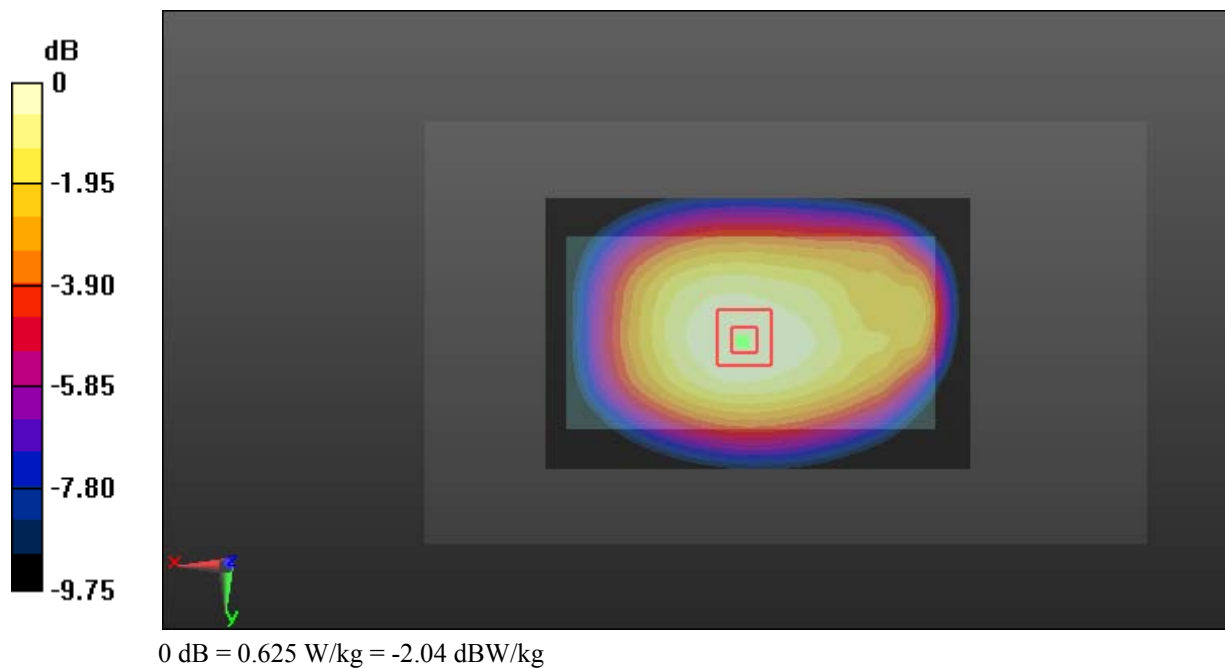
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.62 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.679 W/kg

**SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.396 W/kg**

Maximum value of SAR (measured) = 0.625 W/kg



**Test Plot 58#: WCDMA Band 5\_Body Back\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 57.012$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.535 W/kg

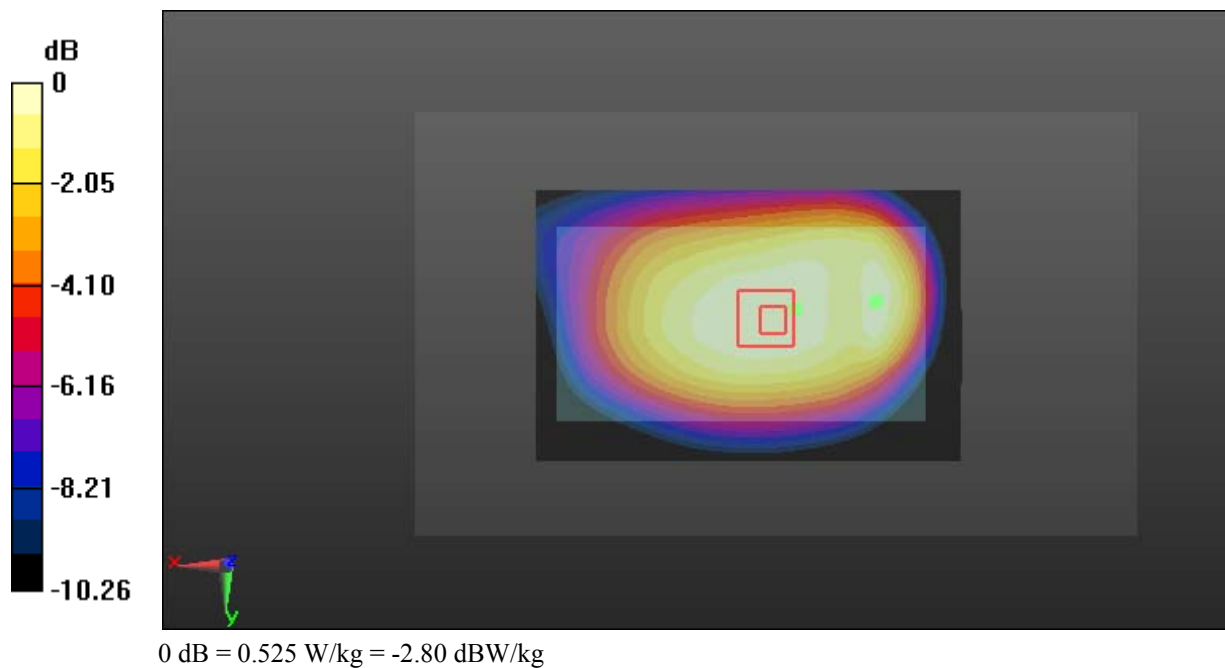
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.20 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.575 W/kg

**SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.331 W/kg**

Maximum value of SAR (measured) = 0.525 W/kg



**Test Plot 59#: WCDMA Band 5\_Body Back\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 846.6$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 56.871$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.605 W/kg

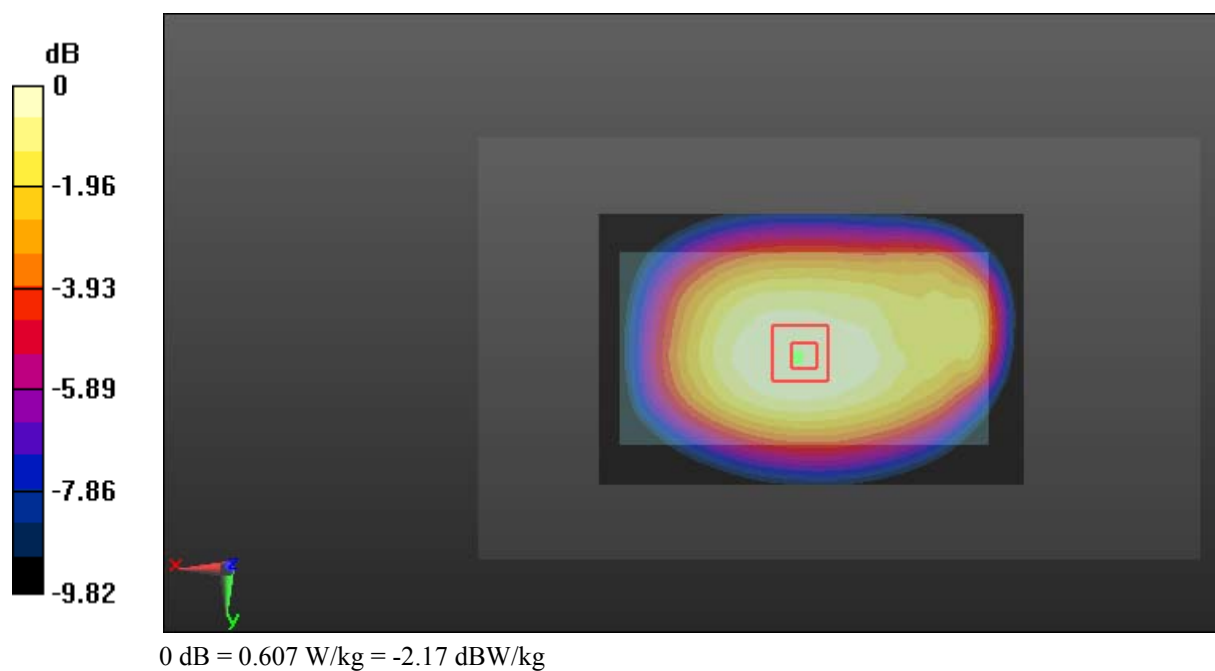
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.15 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.659 W/kg

**SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.387 W/kg**

Maximum value of SAR (measured) = 0.607 W/kg



**Test Plot 60#: WCDMA Band 5\_Body Left\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 57.012$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.392 W/kg

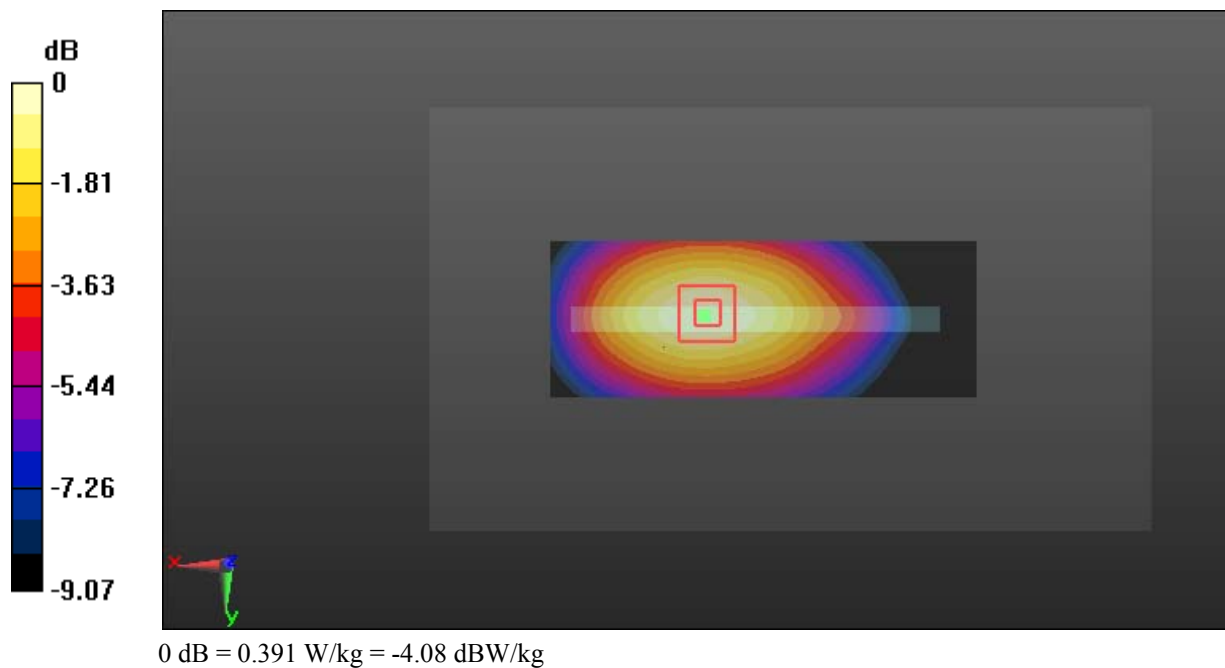
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.62 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.438 W/kg

**SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.391 W/kg



**Test Plot 61#: WCDMA Band 5\_Body Right\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 57.012$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x41x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.345 W/kg

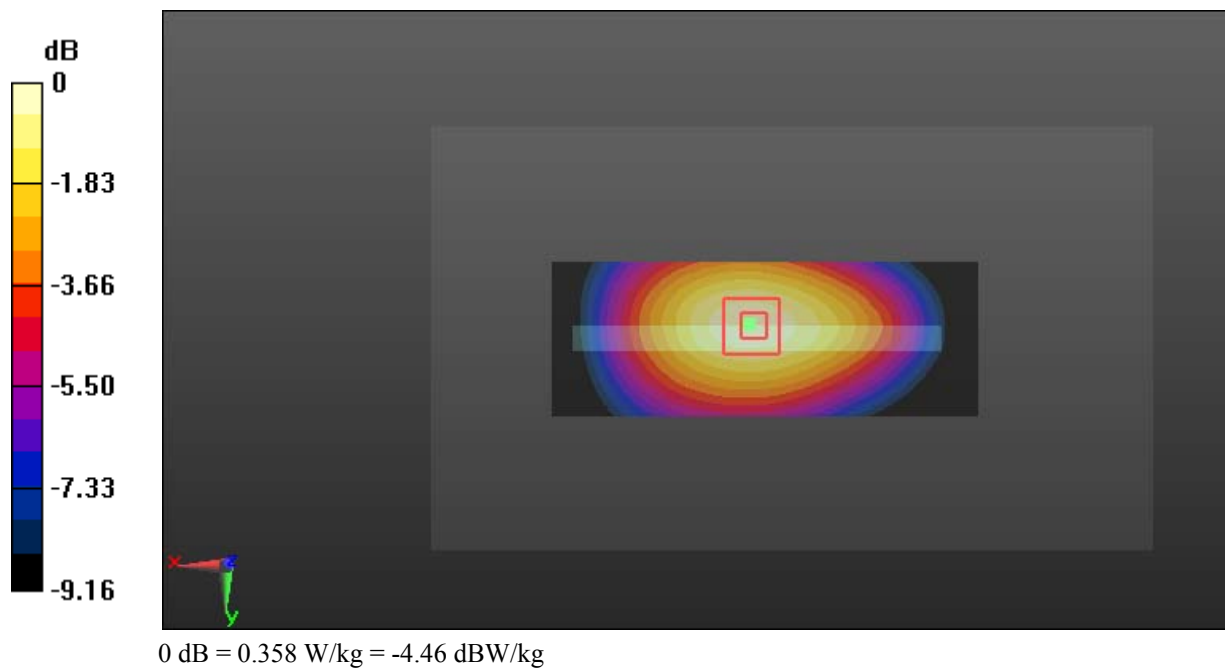
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.86 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.400 W/kg

**SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.193 W/kg**

Maximum value of SAR (measured) = 0.358 W/kg



**Test Plot 62#: WCDMA Band 5\_Body Bottom\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: Generic WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.957$  S/m;  $\epsilon_r = 57.012$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(10.11, 10.11, 10.11); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.151 W/kg

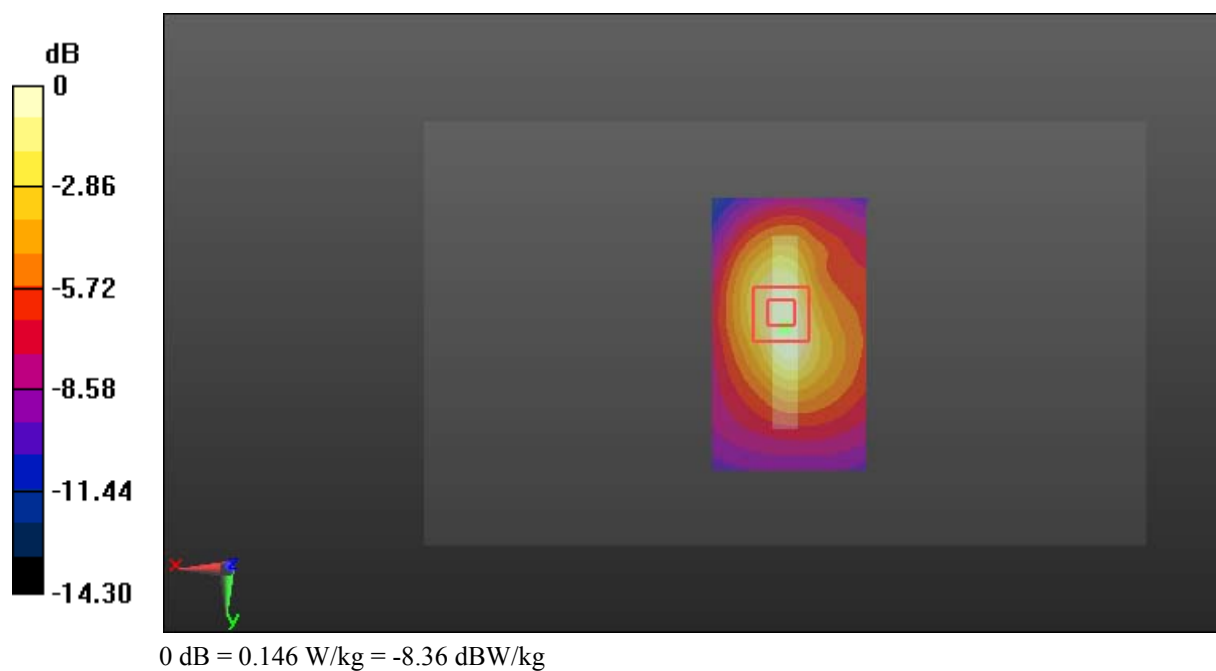
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.60 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.198 W/kg

**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.049 W/kg**

Maximum value of SAR (measured) = 0.146 W/kg



**Test Plot 63#: WLAN Mode B\_Head Left Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.765$  S/m;  $\epsilon_r = 40.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0332 W/kg

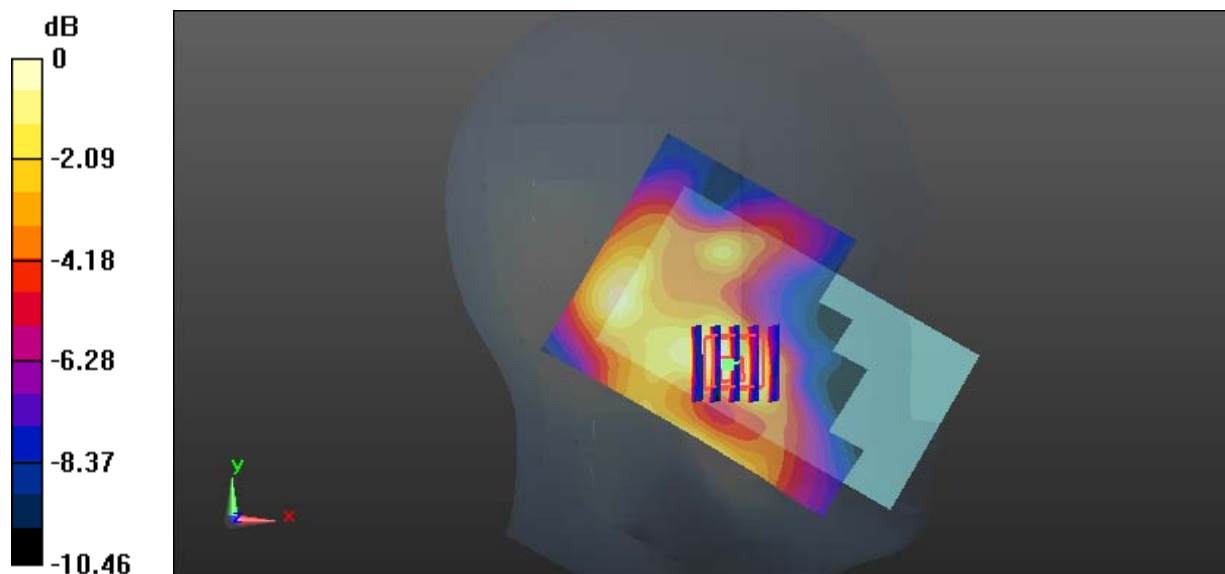
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.238 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.0440 W/kg

**SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.0318 W/kg



0 dB = 0.0318 W/kg = -14.98 dBW/kg

**Test Plot 64#: WLAN Mode B\_Head Left Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.765$  S/m;  $\epsilon_r = 40.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0295 W/kg

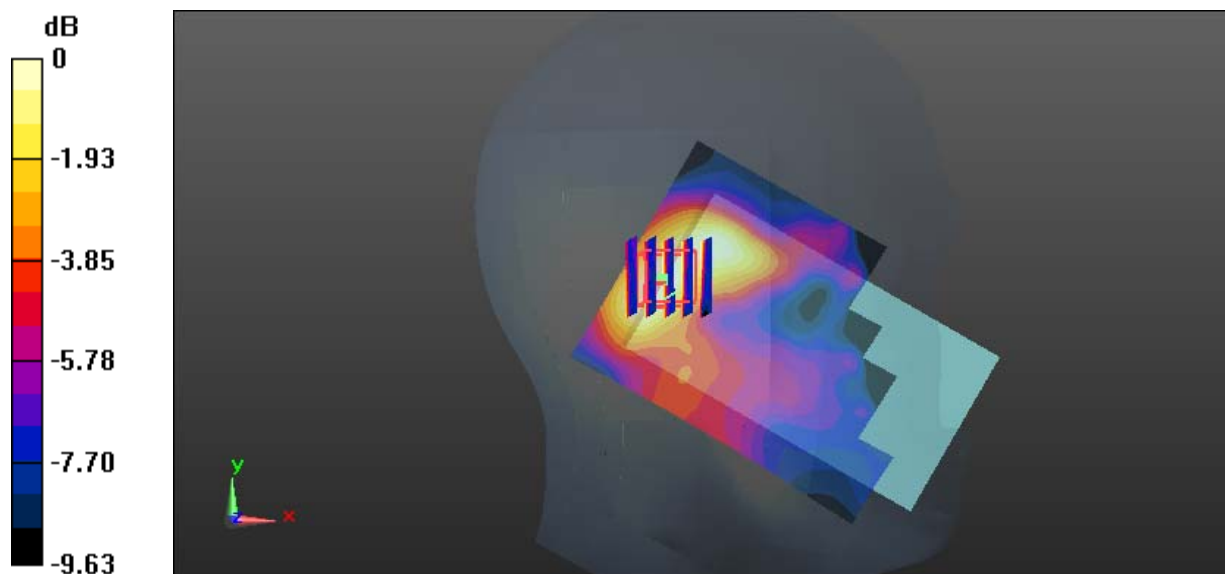
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.148 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0390 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0291 W/kg



0 dB = 0.0291 W/kg = -15.36 dBW/kg



**Test Plot 65#: WLAN Mode B\_Head Right Cheek\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

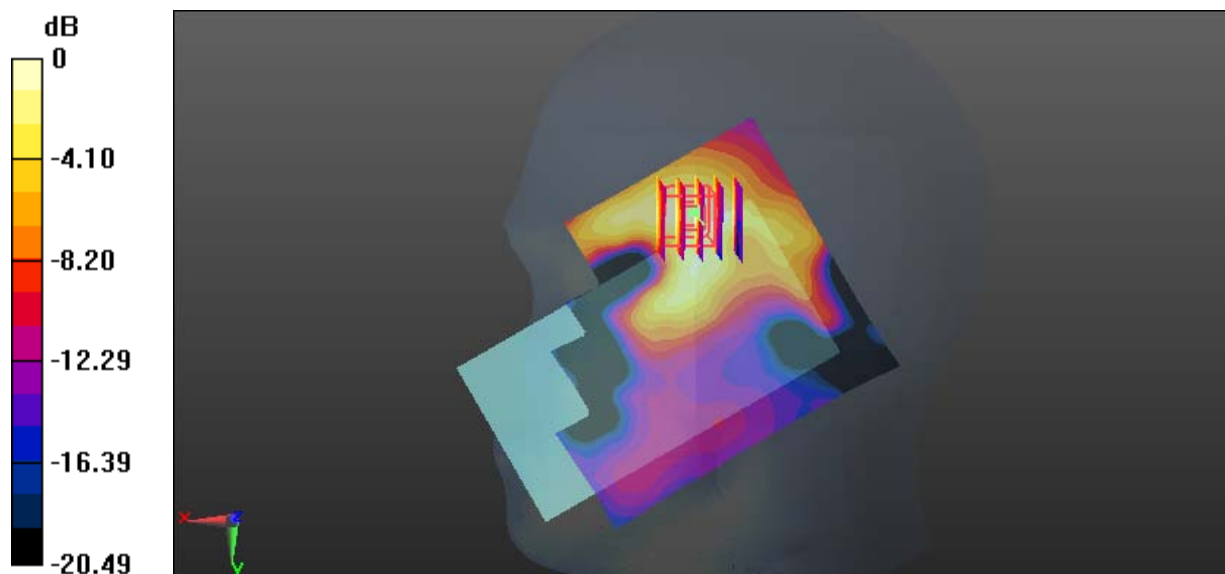
Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.741 \text{ S/m}$ ;  $\epsilon_r = 40.232$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) =  $0.0853 \text{ W/kg}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $2.707 \text{ V/m}$ ; Power Drift =  $0.13 \text{ dB}$ Peak SAR (extrapolated) =  $0.111 \text{ W/kg}$ **SAR(1 g) =  $0.058 \text{ W/kg}$ ; SAR(10 g) =  $0.029 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.0919 \text{ W/kg}$ 0 dB =  $0.0919 \text{ W/kg}$  =  $-10.37 \text{ dBW/kg}$

**Test Plot 66#: WLAN Mode B\_Head Right Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.765$  S/m;  $\epsilon_r = 40.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.252 W/kg

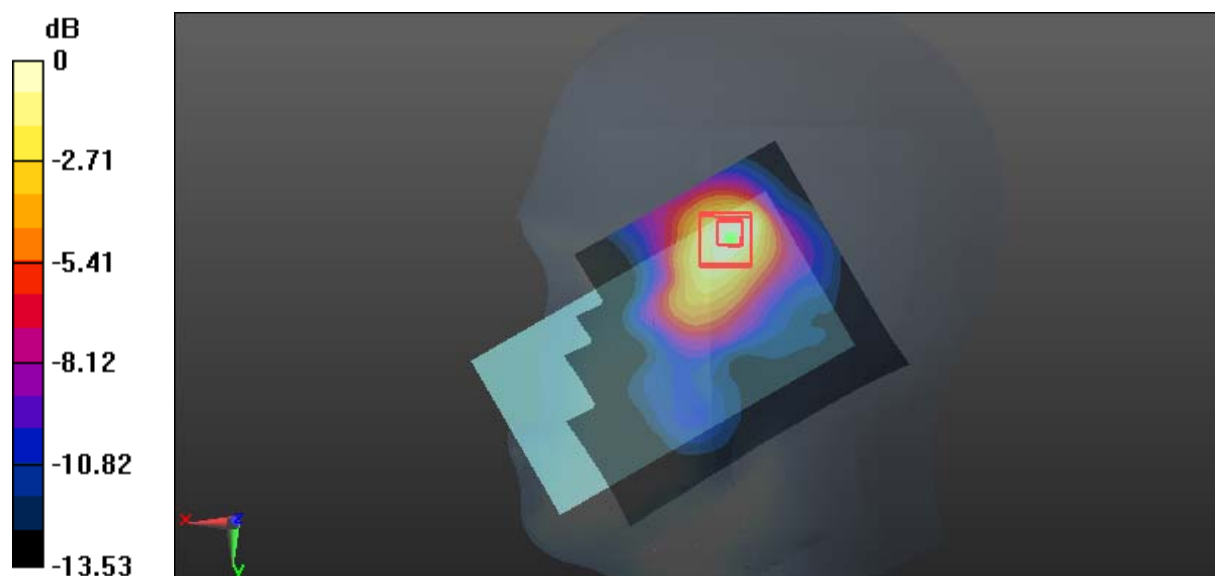
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.503 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.301 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

**Test Plot 67#: WLAN Mode B\_Head Right Cheek\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  S/m;  $\epsilon_r = 38.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.172 W/kg

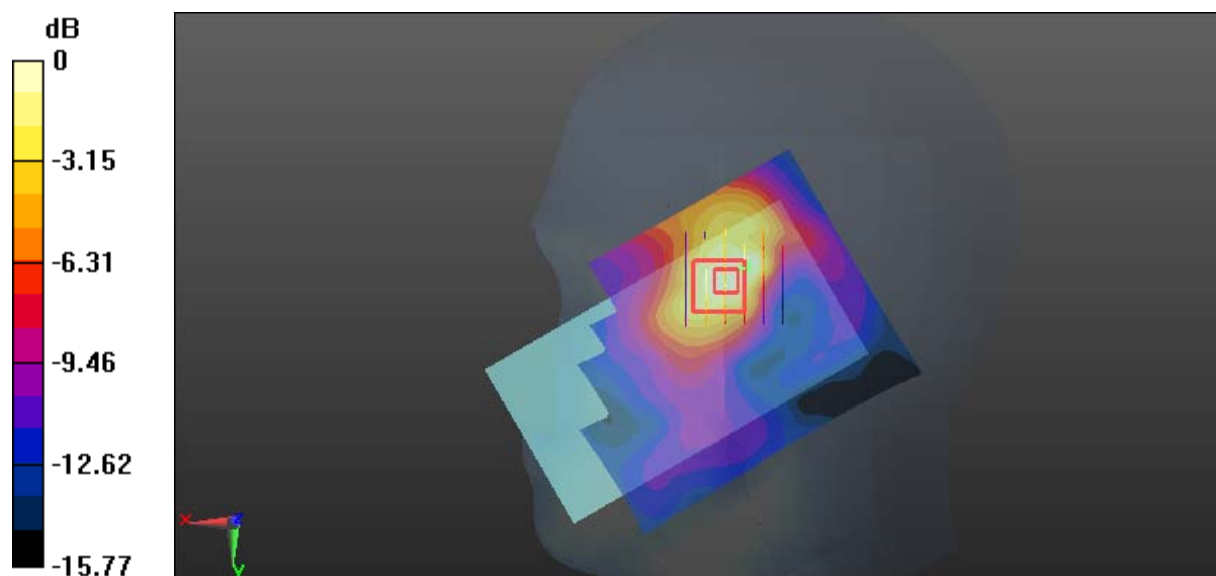
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.636 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.051 W/kg**

Maximum value of SAR (measured) = 0.157 W/kg



0 dB = 0.157 W/kg = -8.04 dBW/kg

**Test Plot 68#: WLAN Mode B\_Head Right Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.765$  S/m;  $\epsilon_r = 40.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0682 W/kg

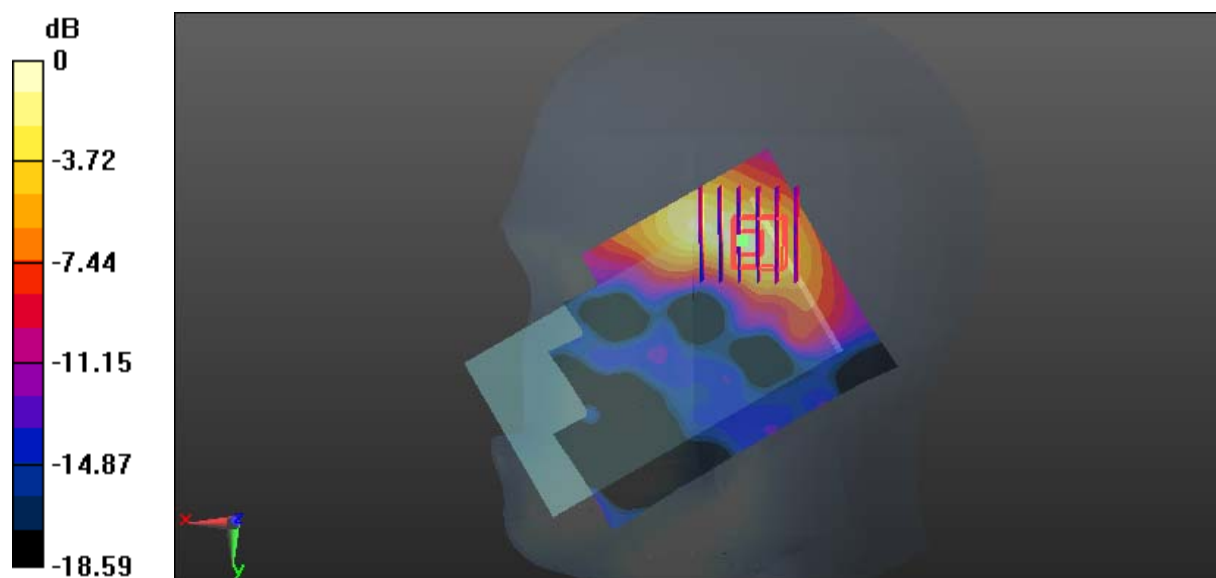
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.765 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.114 W/kg

**SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.016 W/kg**

Maximum value of SAR (measured) = 0.0776 W/kg



0 dB = 0.0776 W/kg = -11.10 dBW/kg

**Test Plot 69#: WLAN Mode B\_Body Back\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.904$  S/m;  $\epsilon_r = 54.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (141x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.469 W/kg

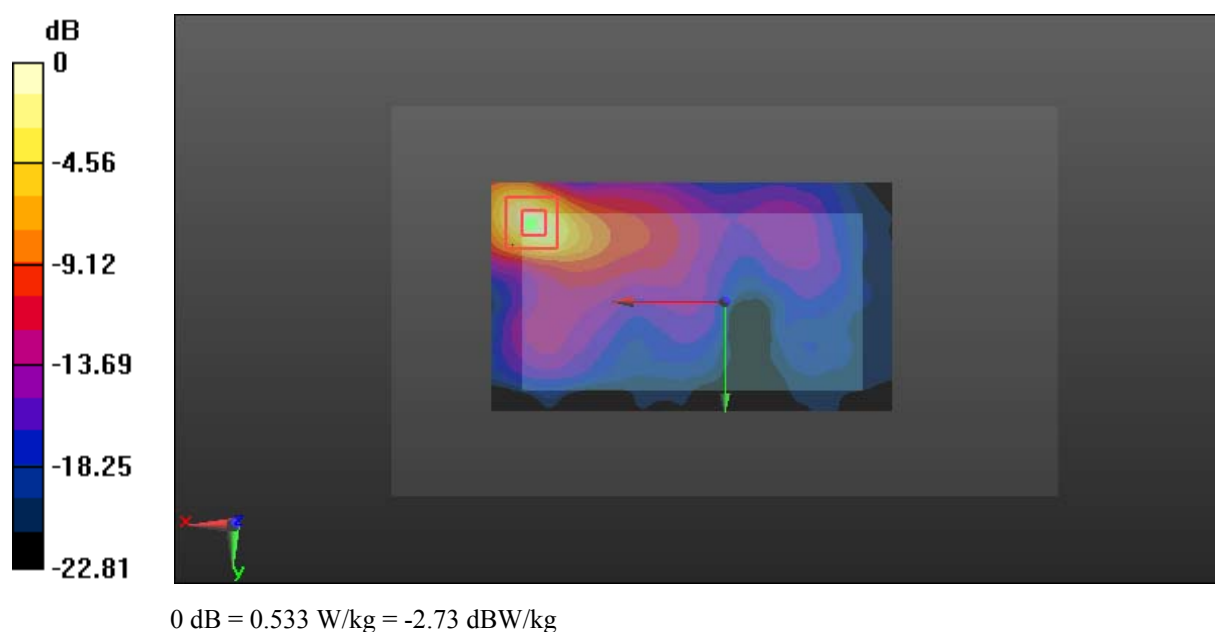
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.386 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.667 W/kg

**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.533 W/kg



**Test Plot 70#: WLAN Mode B\_Body Back\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.945$  S/m;  $\epsilon_r = 54.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (141x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.533 W/kg

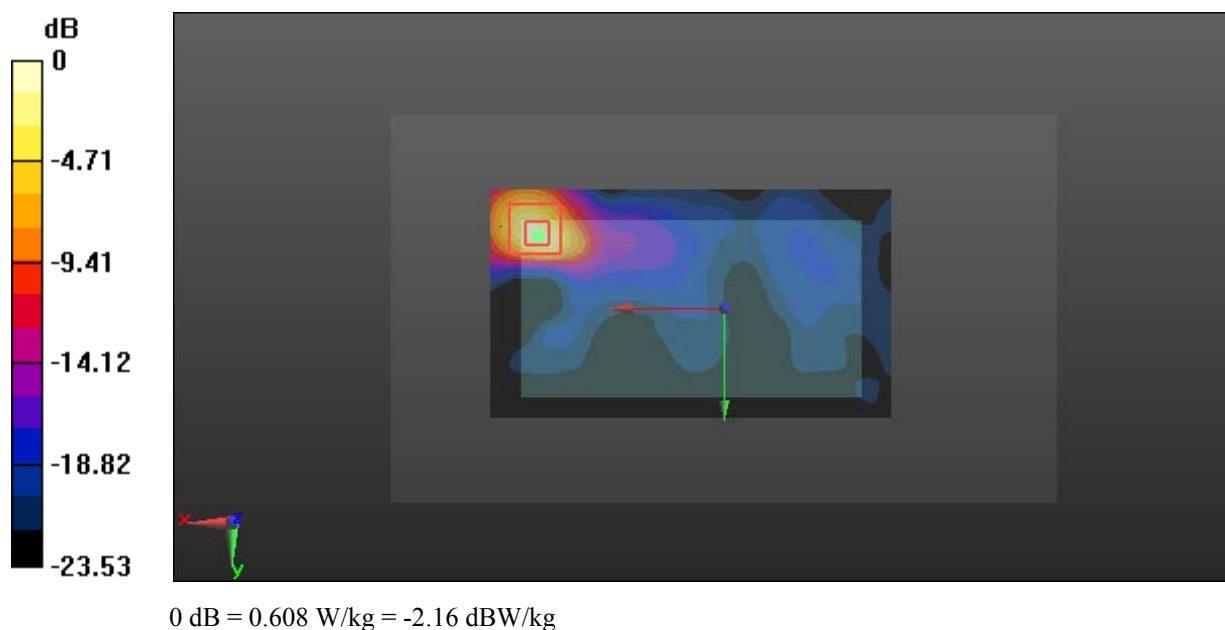
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.398 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.801 W/kg

**SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.114 W/kg**

Maximum value of SAR (measured) = 0.608 W/kg



**Test Plot 71#: WLAN Mode B\_Body Back\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.975$  S/m;  $\epsilon_r = 52.473$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (141x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.430 W/kg

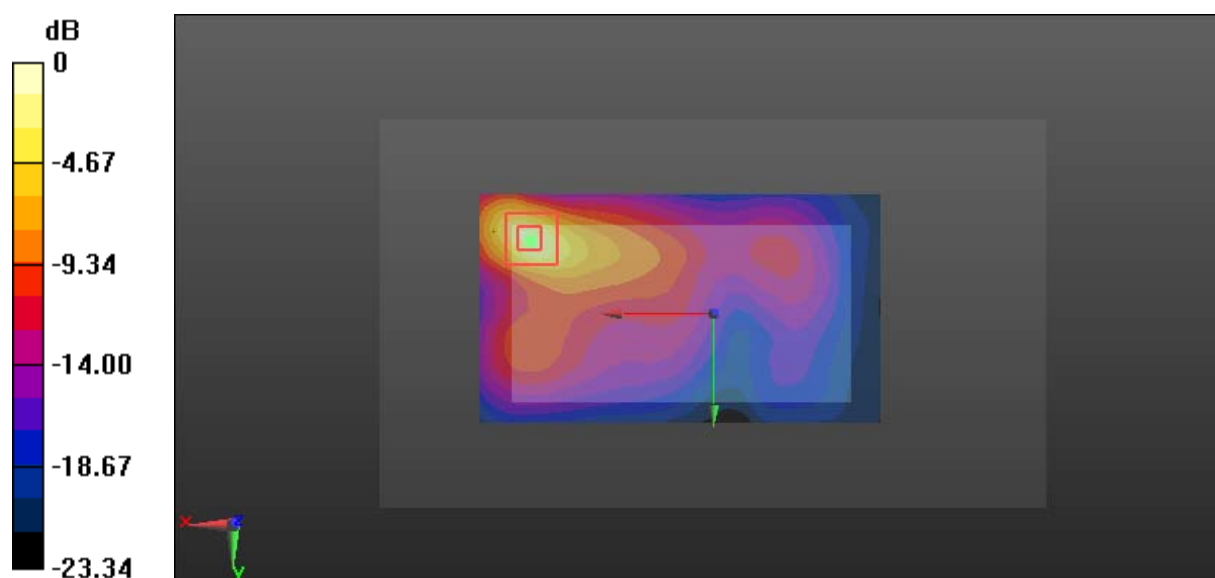
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.369 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.688 W/kg

**SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.548 W/kg



0 dB = 0.548 W/kg = -2.61 dBW/kg

**Test Plot 72#: WLAN Mode B\_Body Left\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.945$  S/m;  $\epsilon_r = 54.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (141x51x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.150 W/kg

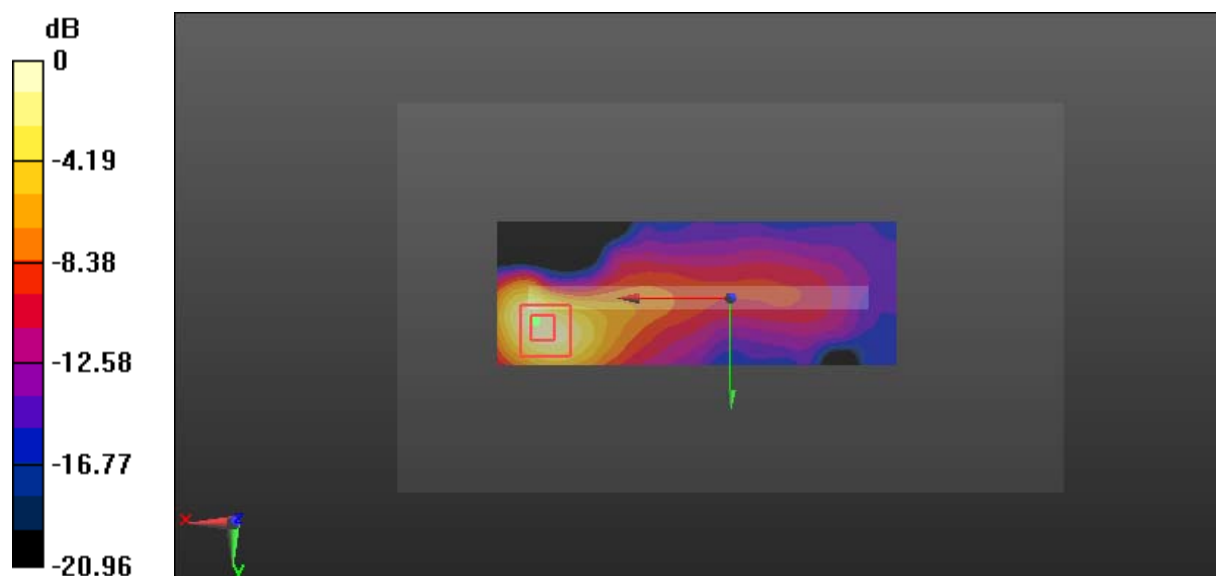
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.834 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.203 W/kg

**SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg



**Test Plot 73#: WLAN Mode B\_Body Top\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.945$  S/m;  $\epsilon_r = 54.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0582 W/kg

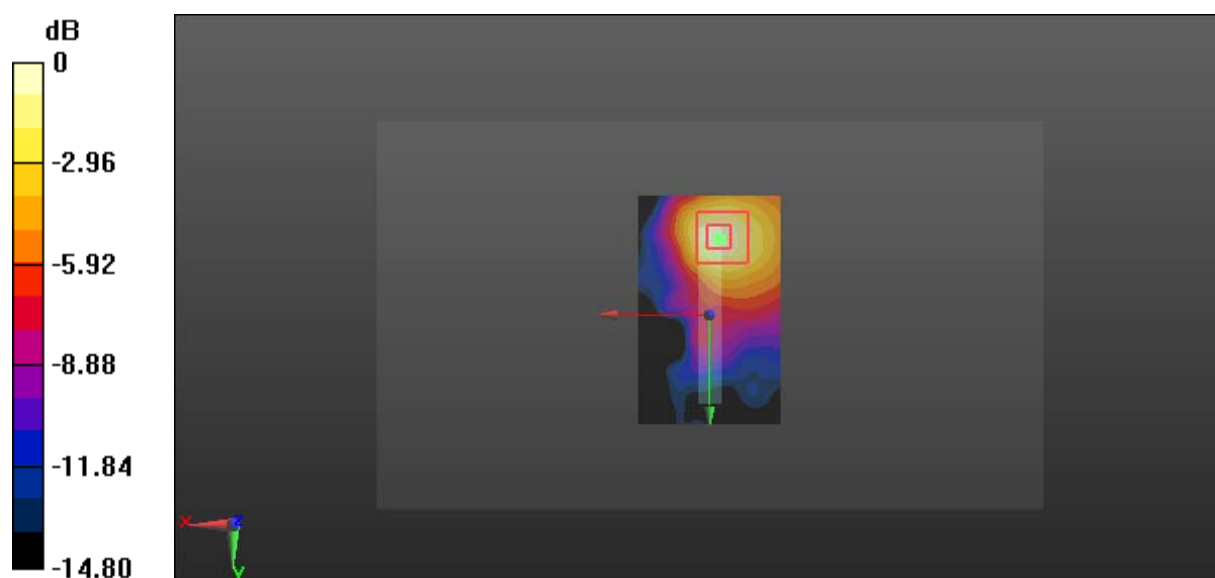
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.402 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0760 W/kg

**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0611 W/kg



0 dB = 0.0611 W/kg = -12.14 dBW/kg

**Test Plot 74#: Bluetooth 8 DPSK\_Head Left Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: 8 DPSK; Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.76$  S/m;  $\epsilon_r = 40.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00994 W/kg

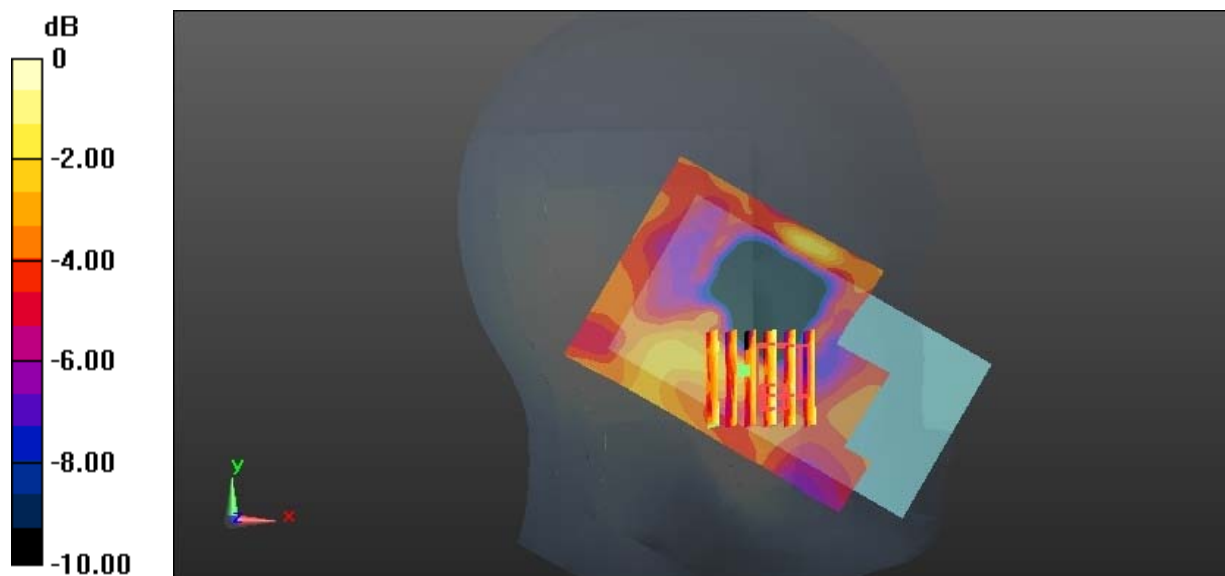
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.547 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0130 W/kg

**SAR(1 g) = 0.0097 W/kg; SAR(10 g) = 0.00751 W/kg**

Maximum value of SAR (measured) = 0.0129 W/kg



0 dB = 0.0129 W/kg = -18.89 dBW/kg

**Test Plot 75#: Bluetooth 8 DPSK\_Head Left Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: 8 DPSK; Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.76$  S/m;  $\epsilon_r = 40.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00727 W/kg

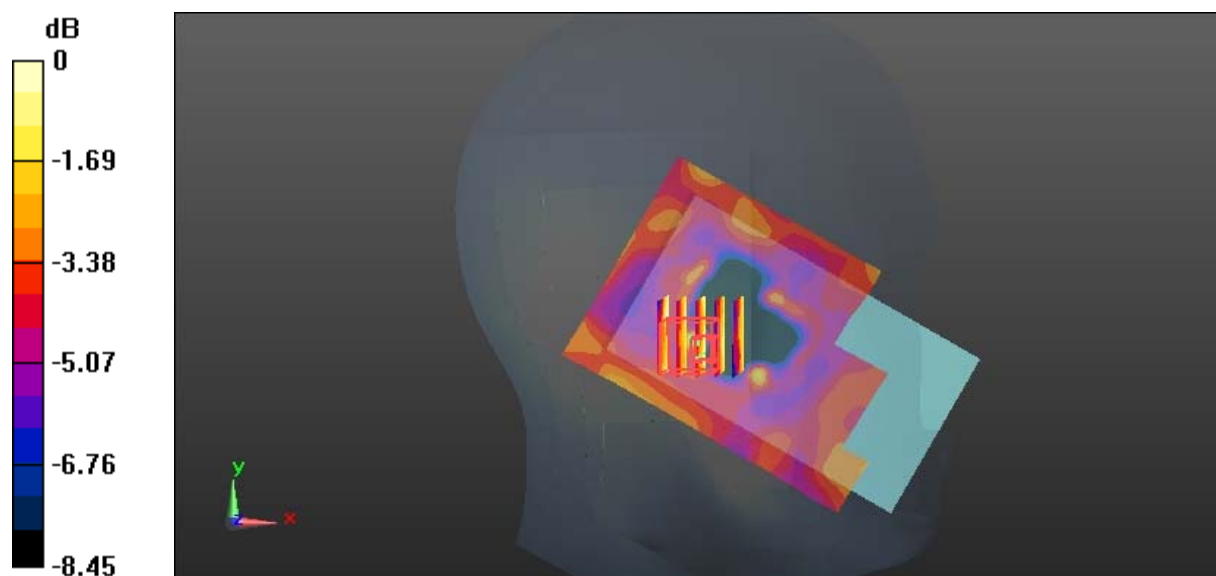
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.357 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0110 W/kg

**SAR(1 g) = 0.00905 W/kg; SAR(10 g) = 0.00706 W/kg**

Maximum value of SAR (measured) = 0.0112 W/kg



0 dB = 0.0112 W/kg = -19.51 dBW/kg

**Test Plot 76#: Bluetooth 8 DPSK\_Head Right Cheek\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: 8 DPSK; Frequency: 2402 MHz; Duty Cycle: 1:1.28

Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.732$  S/m;  $\epsilon_r = 40.465$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0154 W/kg

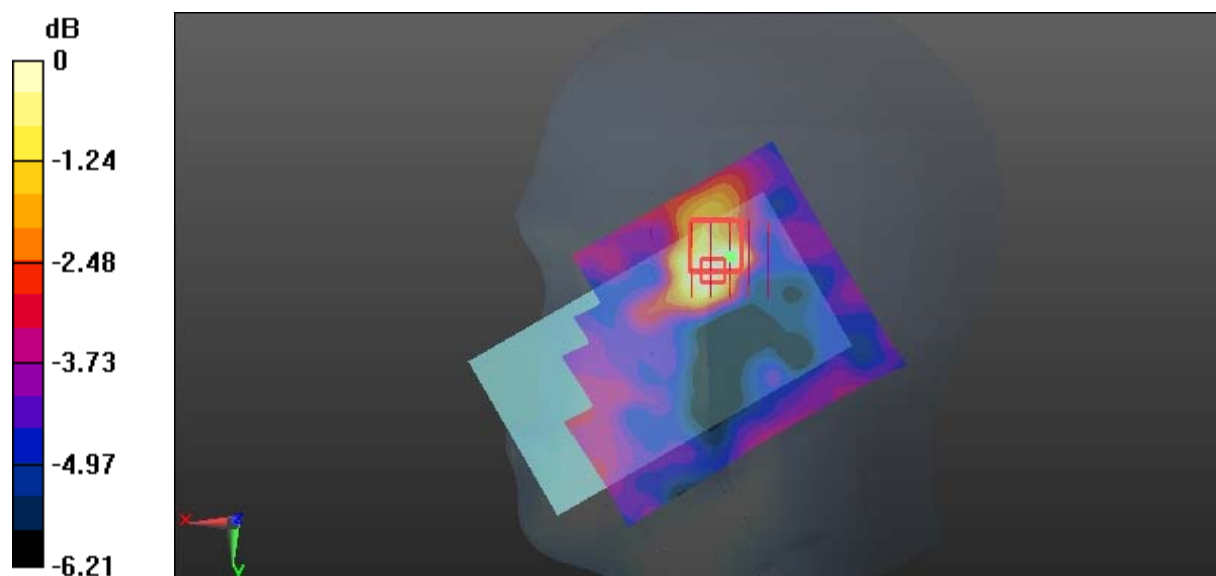
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.427 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0200 W/kg

**SAR(1 g) = 0.00979 W/kg; SAR(10 g) = 0.0079 W/kg**

Maximum value of SAR (measured) = 0.0139 W/kg



0 dB = 0.0139 W/kg = -18.57 dBW/kg

**Test Plot 77#: Bluetooth 8 DPSK\_Head Right Cheek\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: 8 DPSK; Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.76$  S/m;  $\epsilon_r = 40.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0186 W/kg

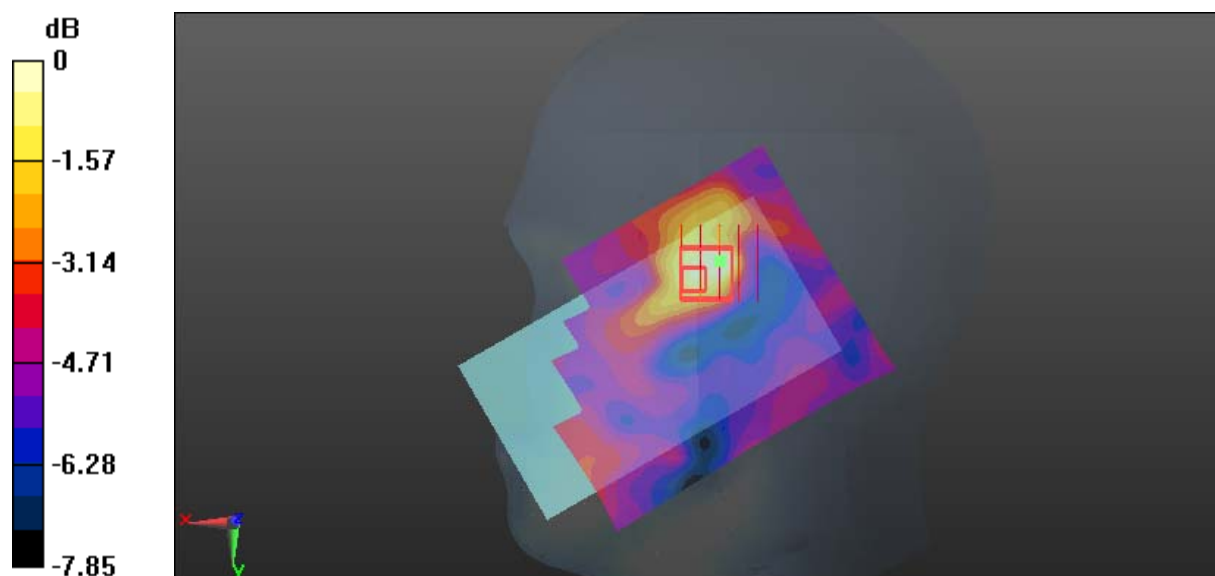
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.771 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0230 W/kg

**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00845 W/kg**

Maximum value of SAR (measured) = 0.0164 W/kg



0 dB = 0.0164 W/kg = -17.85 dBW/kg

**Test Plot 78#: Bluetooth 8 DPSK\_Head Right Cheek\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: 8 DPSK; Frequency: 2480 MHz; Duty Cycle: 1:1.28

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.823$  S/m;  $\epsilon_r = 38.654$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0134 W/kg

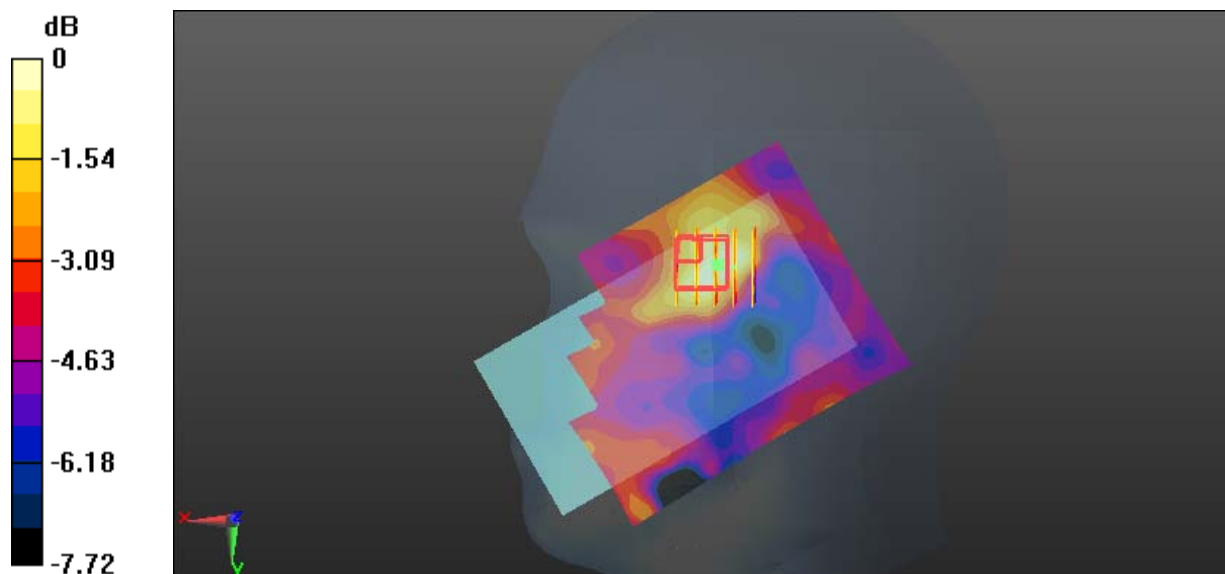
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.339 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0200 W/kg

**SAR(1 g) = 0.00979 W/kg; SAR(10 g) = 0.00817 W/kg**

Maximum value of SAR (measured) = 0.0133 W/kg



0 dB = 0.0133 W/kg = -18.76 dBW/kg

**Test Plot 79#: Bluetooth 8 DPSK\_Head Right Tilt\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: 8 DPSK; Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.76$  S/m;  $\epsilon_r = 40.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.86, 7.86, 7.86); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: 1412
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (111x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00917 W/kg

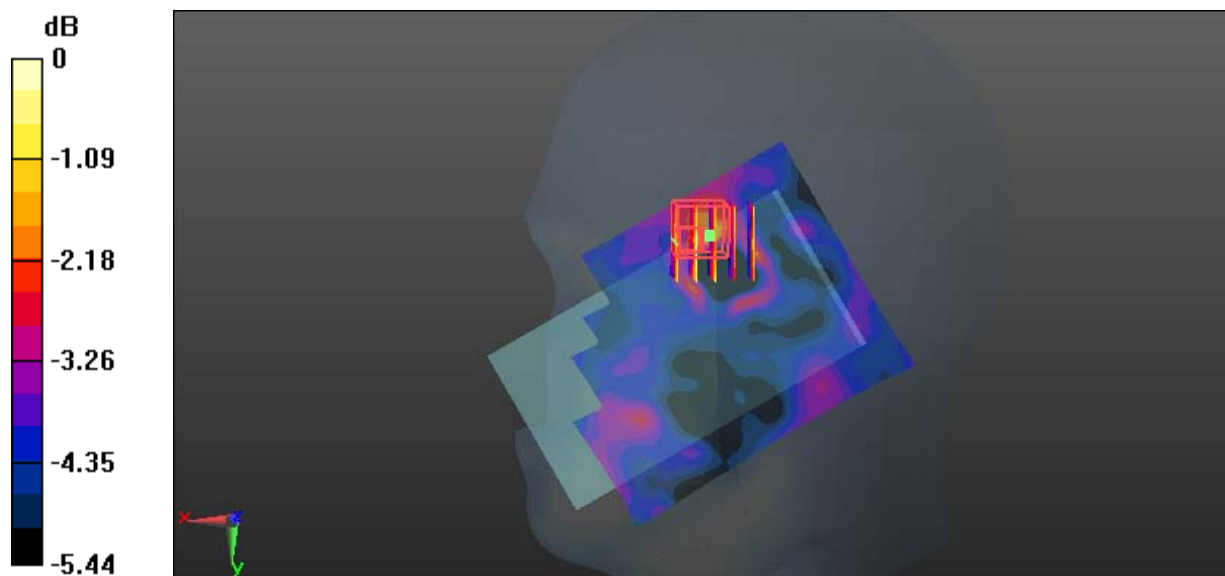
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.5920 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0130 W/kg

**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00831 W/kg**

Maximum value of SAR (measured) = 0.0130 W/kg



0 dB = 0.0130 W/kg = -18.86 dBW/kg

**Test Plot 80#: Bluetooth 8 DPSK\_Body Back\_Low****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: 8 DPSK; Frequency: 2402 MHz; Duty Cycle: 1:1.28

Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.9$  S/m;  $\epsilon_r = 54.436$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (141x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0230 W/kg

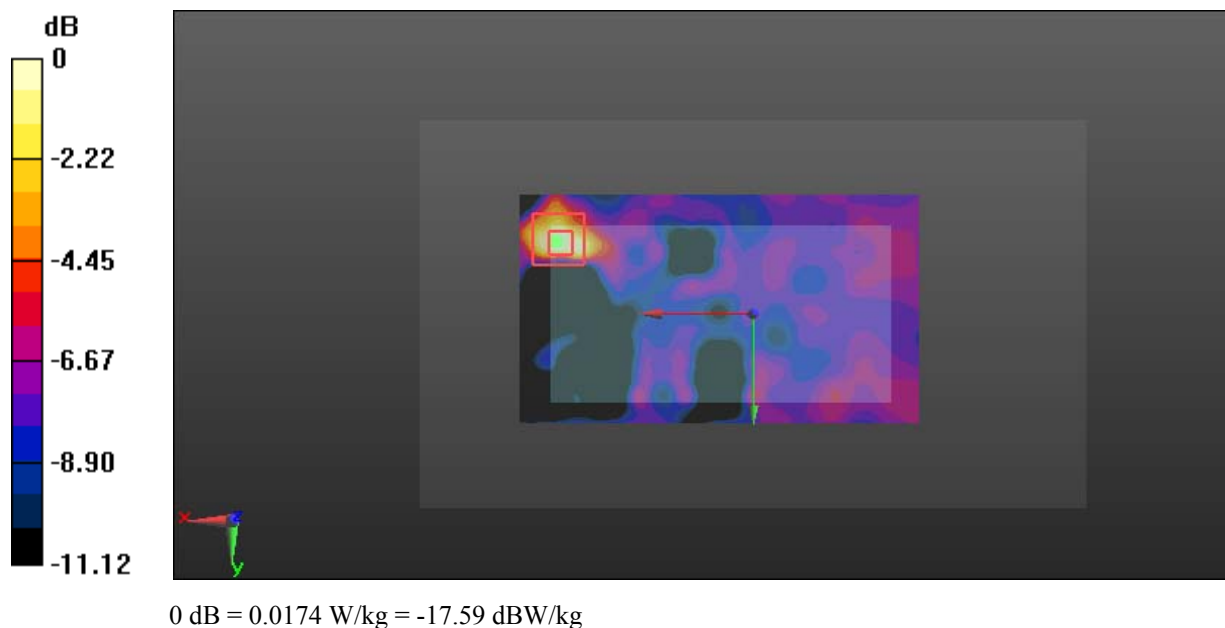
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.7640 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0270 W/kg

**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00578 W/kg**

Maximum value of SAR (measured) = 0.0174 W/kg





**Test Plot 81#: Bluetooth 8 DPSK\_Body Back\_Middle****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: 8 DPSK; Frequency: 2441 MHz; Duty Cycle: 1:1.28

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.938$  S/m;  $\epsilon_r = 54.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (141x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0435 W/kg

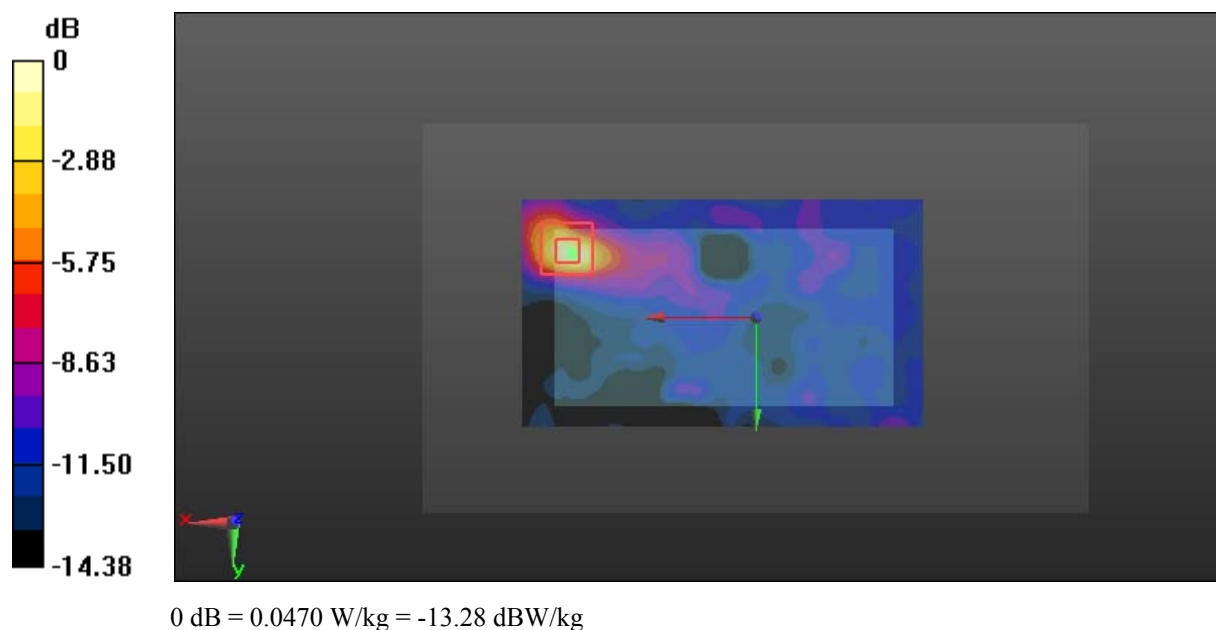
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.294 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0630 W/kg

**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0470 W/kg



**Test Plot 82#: Bluetooth 8 DPSK\_Body Back\_High****DUT: 3G Smart Phone; Type: IO Light; Serial: 18062105021**

Communication System: 8 DPSK; Frequency: 2480 MHz; Duty Cycle: 1:1.28

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.987$  S/m;  $\epsilon_r = 52.123$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7431; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2017/10/9
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1130
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (141x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0386 W/kg

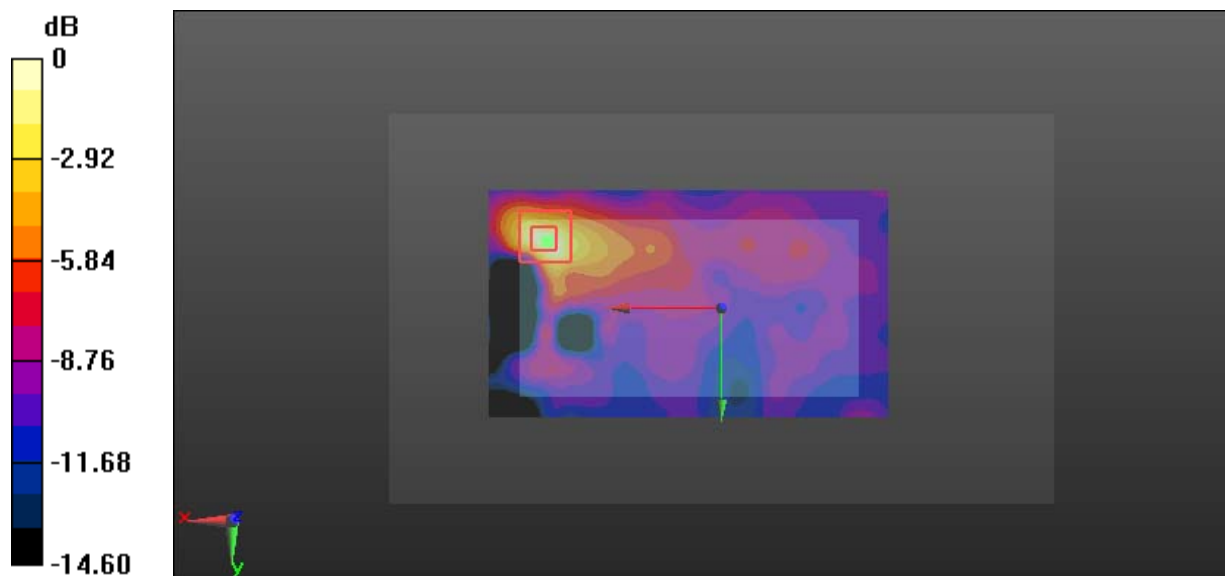
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.488 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0490 W/kg

**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.0391 W/kg



0 dB = 0.0391 W/kg = -14.08 dBW/kg